

HADE AT CZM PROJEC**T** 92 W. CIMOND ANCHORAGE, ALASKA **99502**

REVISED ANADROMOUS STREAM CATALOG OF SOUTHEASTERN ALASKA

Appendix B - District 2

Volume III

Cholmondeley Sound Area Survey Data

By: Paul Novak

1975

ADF&G TECHNICAL DATA REPORTS

This series of reports is designed to facilitate prompt reporting of data from studies conducted by the Alaska Department of Fish and Game, especially studies which may be of direct and immediate interest to scientists of other agencies.

The primary purpose of these reports is presentation of data. Description of programs and data collection methods is included only to the extent required for interpretation of the data. Analysis is generally limited to that necessary for clarification of data collection methods and interpretation of the basic data. No attempt is made in these reports to present analysis of the data relative to its ultimate or intended use.

Data presented in these reports is intended to be final, however, some revisions may occasionally be necessary. Minor revisions will be made via errata sheets. Major revisions will be made in the form of revised reports.

HABITAT DIVISION — LIBRARY
ALASKA DEPARTMENT OF FISH & GAME
333 RASPBERRY ROAD
ANCHORAGE, ALASKA 99518 - 1599

REVISED ANADROMOUS STREAM CATALOG OF

SOUTHEASTERN ALASKA

Ву

Paul Novak
Alaska Department of Fish and Game,
Division of Commercial Fisheries, 1975
Ketchikan, Alaska!

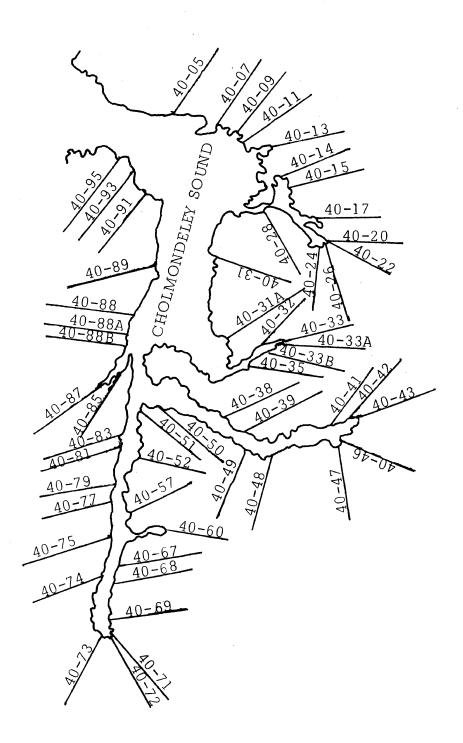
1975

Appendix B - District 2

Volume III

Cholmondeley Sound Area Survey Data

1. St. Aska Ž. Askardi



SUMMARY STREAM EVALUATIONS

 $\frac{\text{District 2}}{\text{Cholmondeley Sound}}$

Name & Number	Average width	Length	Area (Ft ²)	M ²	Spawning area (m ²)	Available area (m ²)
102-40-05	9'	300'	2,700	250.8	40%	100
102-40-07	12'	675'	8,100	752.5	60%	452
102-40-09	18'	600'	10,800	1003.3	65%	652
102-40-11	23'	6000'	138,000	12820.0	60%	7,692
102-40-13	21'	630'	13,230	1229.1	50%	615
(#200) 102-40-14	11'	180'	9,980	183.9	20%	37
102-40-15	23'	4000'	92,000	8546.8	60%	5,128
Kitkun 102-40-17	24'	4500'	108,000	10033.2	60%	6,020
Kitkun 102-40-20	22'	200'	4,400	408.8	70%	286
Kitkun 102-40-22	15'	200'	3,000	278.7	75%	209
Kitkun 102-40-24	11'	600'	6,600	613.1	70%	429
Head Kitkun Bay 102-40-26	5'	200'	1,000	92.9	90%	84
Brennan Bay 102-40-28	30'	750'	22,500	2090.3	10%	209
102-40-31	12'	1900'	22,800	2118.1	60%	1,271
Dora 102-40-32	16'	200'	3,200	297.3	50%	1 49

Name & Number	Average width	Length	Area (Ft ²)	M^2	Spawning area (m ²)	Available area (m ²)
Dora Bay Lake	22'	1150'	25,300	2350.4	60%	1,410
Dora 102-40-33A	4'	75'	300	27.8	60%	17
Dora 102-40-35	25'	220'	5,500	510.9	60%	306
102-40-41	6'	20'	120	11.1	60%	6
102-40-42	5'	150'	750	69.7	60%	42
Disappearance Cr. 102-40-43	54'	2500'	135,000	12541.5	65%	8,152
So. Arm Chol. (#206	6) 8'	375'	3,000	278.7	75%	209
102-40-47	18'	1500'	27,000	2508.3	70%	1,756
102-40-49	16'	675'	10,800	1003.0	70%	702
Cannery 102-40-52	28'	1600'	44,800	4161.9	70%	2,913
Lagoon Creek 102-40-60	39 '	13500'	526,500	48911.9	75%	36,683
102-40-67	15'	450'	6,750	627.1	20%	125
102-40-68	10'	100'	1,000	92.9	20%	18
102-40-69	9'	675'	6,075	564.0	60%	338
W. Arm Chol. So. 102-40-71	34'	2640'	89,760	8338.7	60%	5,003
W. Arm Chol. No. 102-40-73	14.5'	3400'	49,300	4579.9	60%	2,748
102-40-75	10'	750'	7,500	696.7	75%	523
102-40-77	6'	150'	900	83.6	50%	42
102-40-79	9'	180'	1,620	150.5	60%	90

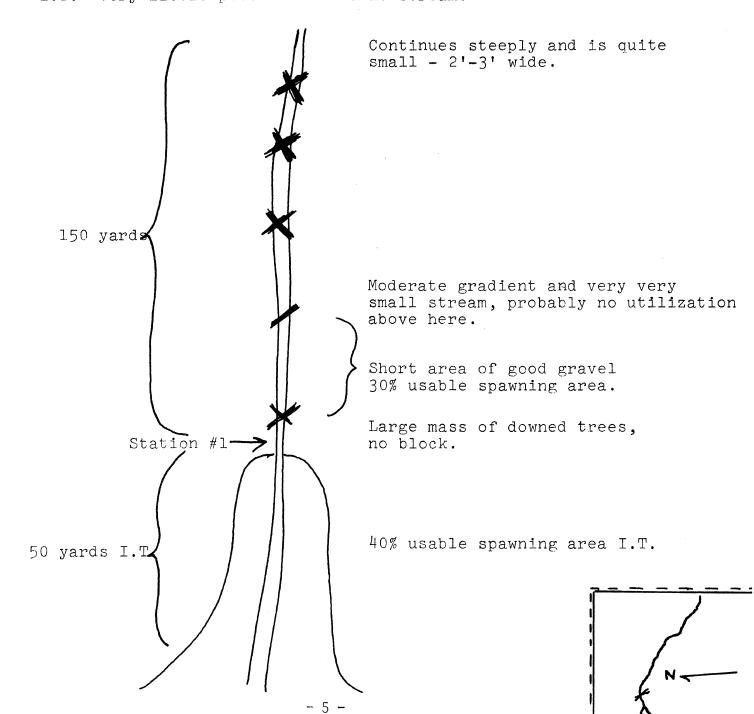
Sat

.

Name & Number	Average width	Length	Area (Ft ²)	M^2	Spawning area (m ²)	Available area (m ²)
102-40-81	6'	150'	900	83.6	60%	50
102-40-83	8'	600'	4,800	445.9	50%	223
Sunny Creek 102-40-87	57.5'	4000'	230,000	21367.0	80%	17,094
Sunny Creek (above the falls)	33'	7000'	231,000	21459.9	70%	15,022
102-40-88	14'	500'	7,000	650.3	60%	390
102-40-88A	3'	20'	60	5.5	60%	3
102-40-88B	35'	300'	10,500	975.0	60%	585
102-40-91	18'	1250'	22,500	2090.0	60%	1,254
		CF	HOLMONDEL	EY SOUND	TOTAL	119,037

102-40-05 Cholmondeley Sound 10-6-73 Downey, SMith

Very small stream with any utilization being restricted to the I.T. area or a small portion of the stream 50 yards above I.T. Very little potential on this stream.



Name		Catalog No.	102-40) – 05	orgadna erreterni naskutsynado drisji kytiny prijenini hope nastyjezor tis izpani et
Latitude N	55° 14' 00"	WR No.			
Longitude W	132° 04' 10" No. Craig A-1 ondeley Sound of Watershed	K No.			Plantare are overland and the Chapter and the
Geodetic Map	No. Craig A-l	Work Area			
Location <u>Cholm</u>	ondeley Sound	ullet Watershed Le	ength	Ketchikan	· committee and the committee of the co
Drainage Area	of Watershed				and the second s
Water Supply	Type <u>Precipitation</u> -	runoff, and poss	ibly spri	ngs	uncanap tiphtoniquisp-inanonapycish/Babitotini-ri
madle & Sunn	ey Routes Small str	200m rdth little r	octontial	- walk up ti	^~
stream.	ey Rodres <u>anall Bu</u>	· ean with iittie	JUCCIICIAI	- Waik up of	
Lerial Survey	Notes Small stream	with overstory ma	aking aer	ial observat:	ion
impossible.					
Anchorage A	nchor in Lancaster Cove.				rectacio-softing-soft with gips original DRIV extends that 2 th gastra as
	en Surveyed 1/2 ti				al neglephyddig mannon, yafninniaeth dy'ydd dd Magaillanniaeth a Magaillan
		tac and cooming.			ecopy who was a scalar perception who established and
FISHERY RESOU					
Commercial .	Fisheries Unknown				performance (September 1997) (1997) - Application of CHESSIVA (1997) (March 1997)
Escapement	No escapement recor	ded			HERONOMERON STATEMENT OF STATEM
	e spawning area - 100 M		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	position <u>Unknown</u>				
		***************************************			and the second s
Timing Un	reas Off the mouth				unditacementary at entire or quality and a produce or the control of a payment.
penouring a	reas				And the second s
Shellfish P	otential Very littl	e or none – rock	y beach		
					ut-spentise_prisertingura
Sport Fishe	ries <u>None</u>				
Tand Use at	Present None				
History of	Land Use None				
	· D / · · · · · · · · · None	Von. Cuall ata			
utilization	ion Potential None.	very small sure	eam with	very imitted	access and
	erally stable - but this	stream was only	walked a	pproximately	150 yards
above the tr	ee line - small stream.				and the state of the second state of the secon
		•			
GAME RESOURCES					
Bear	Fish carcasses or bone	s (old or fresh)	on banks	. estimate	0
	Number of droppings	. (,			0
Geese	Number seen on tide fl	ats		•	0
	Number seen up creek				0
	Number of broods seen			•	0
Mallards	Number seen on tide fl	ats			0
	Number seen up creek			_	. 0
	Number of broods seen				0
Mergansers -	Number of broods seen				0
Bald Eagles-	Number seen along cree				0
	Number of nests seen a				0
Seals	Number seen at mouth o				. 0
Tide flats -	9				not much
	Estimate depth out fro				
	Eel grass present on w	nat percent of 11	Lats		
					: 3 7
	<u>-</u>	· 6 -	•		
					,

CTREAM INVENTORY FORM

Name: Number: 102-40-05

Observers: Downey, Smith
Date: 10-6-73
Temperature:
Weather: Overcast - showers

							1	latic Veg.
							2	ther Plant iss :
							ı	ithos ple No.
							ı	/ Abundance
							6.0	
							0 7 7	- 12. (°F.)
							1,33	w (C.F.S.)
							, N	ocity
:								.or/Turbidity
							7	tom Type ffle)
							,m	ol Riffle equency
							M 6	file Type ith - Depth
							2/2	ol Size/Type
	•	-						ation No.

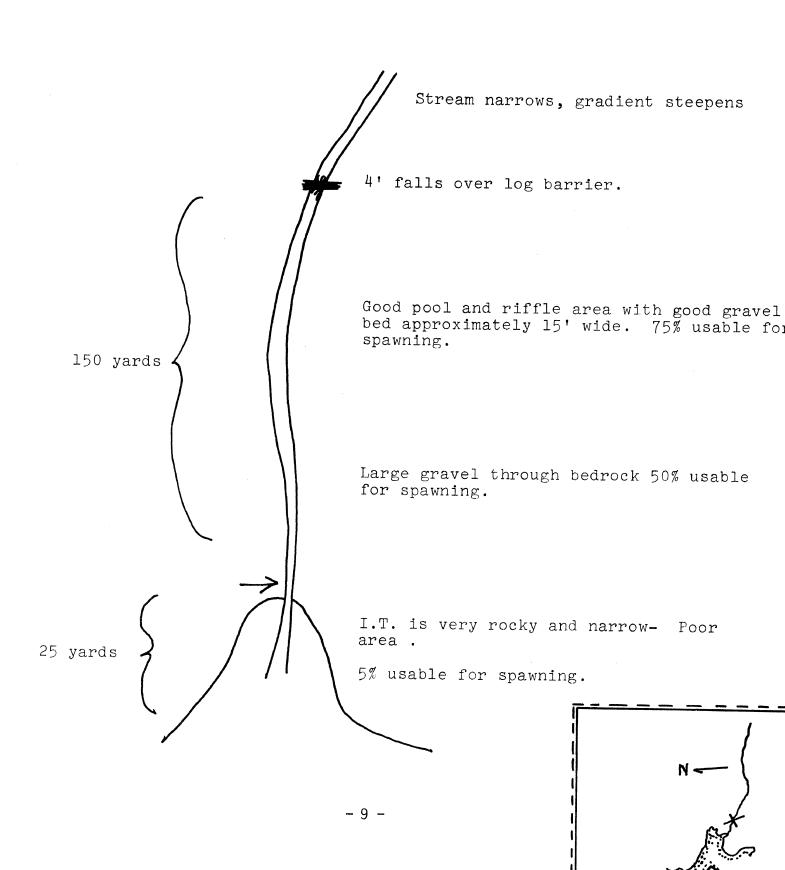
Remarks (rehab., land use, barriers, log jams, etc.): neral

NAME: Lancaster Cove, Head

STREAM CATALOG NUMBER:

102-40-05

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Oct. 7, 1930				25,000 fish in stream (G)
Sept. 30, 1948	1,500	1,400		Excellent. 5,000 fish off mouth(G
Oct. 7, 1950	80	105		(G)
Sept. 9, 1952	·			None present in stream. 8 chum at mouth (G)
Sept. 21, 1953				Stream flooding(G)
Sept. 4, 1956				10,000 pink off mouth (G)
Sept. 18, 1957		400		500 chum off mouth (G)
			- 8 -	



Name		Catalog No	. 102-40-07	
Latitude	55° 12' 53" 132° 04' 48" √o. Graig A-l ondeley Sound of Watershed	WR No.		1
Longitude	7 7 320 041 48"	K No. 141		
Geodetic Map	√o. Graig A-l	Work Area	Ketchikan	
Location Cholm	ondeley Sound	Watershed	Length	
Drainage Area	of Watershed			
Water Supply	Type <u>Precipitation - re</u>	moff and pro	bably springs.	wa Phaelanda o Pigo Mart - Indoord State Calabatic Goods
Trails & Surv	ey Routes No trails, v	valk in or al	ong stream.	
	,			
Herrar Survey	Notes Small stream wit	n overstory	making observation im	possible.
Anchorage Ar	chor in Lancaster Cove			artidatus againe, qui san as albain sudanan artining dipulating significant against again again again signific
Tide Stage Wh	en Surveyed <u>1/2 tide</u> a	and ebbing.		igantical communication of a contract contract of a contract of the property of the contract o
FISHERY RESOU	RCES			
Commercial	Fisheries <u>pink and c</u>	chum		and the state of t
Escapement_	1,500 pink and 1,400 chum	on 9-30-48:	400 chum on 9-18-57	CONTRACTOR CONTRACTOR SAME AND AN ARTHUR AND ARTHUR AN
Species Com	position 50% pink - 50	% chum		
	pawning area - 452 M ²			
Timing Lat	e			
Schooling a	reas A narrow gut of mo	<u>oderate depth</u>	near the low tide ma	rk provides
	schooling area.			
Snelliish P	otential <u>None - not muc</u>	<u>n beach area</u>	and 1s rocky.	latin shi nagara mariyan Roman ding mindib kapanin malali dina dalib kapa masa ana
Sport Fishe	ries <u>Unknown - probabl</u> y	none		
Tand Han at	Present Some of thi	c oxon in du	to to be legal with a	
	g 1/2 mile upstream.	s area is uu	ie to be rogged with or	ne proposed
History of	Land Use None			houtbanks-ruhs varianteen-hattitikhittisyteettisi variasiirjamparail
Rehabilitat	ion Potential Didn't	appear to ha	ve too much potential	- so no
rehab. recom	mendations here — fairly	small stream	l •	
Soils				
GAME RESOURCES				
Poor	Tigh paragage on home	'ald an Sanah) on bowles outinote	
The state of the s	Fish carcasses or bones (Number of droppings	ora or rresi	i) on banks, estimate	0
Geese	Number of croppings Number seen on tide flats			0
UCCSC	Number seen up creek	>		0
	Number of broods seen			0
Mallards	Number seen on tide flats	•		0
rallaids	Number seen up creek)		0
	Number of broods seen			0
Mergansers -	Number of broods seen			0
	Number seen along creek			0
	Number of nests seen and	location		0
Seals	Number seen at mouth of			. 0
	Estimate length along bea			almost 0
	Estimate depth out from 1			M
	Eel grass present on what		flats	H

STREAM INVENTORY FORM

Observers: Downey, Smith Date: 10-6-73

Service Control of the Control of th

	Name: Number	Lancaster Cove		Temperature:	00411700		ĺ
	Number			1	・ひてなっせ		
		Number: 102-40-07		Weath	Weather: Overcast - showers	st - showe	r.
1		-	- -		_	-	-
. 1/3							
W 12°							
, m							

Pool Size/Type

Station No.

Riffle Type Width - Depth

Pool Riffle Frequency

На	5.5											
Frv Abundance	ı											
Benthos Sample No.	ı								·		·	
Higher Plant Class	П											
Aquatic Veg. Density Ident. (1) Mosses	1 2						The second secon					
		 	A	1	-	+		 	 -			

1.96

Flow (C.F.S.)

Temp, (oF.)

N

Velocity

Color/Turbidity

 Γ

Bottom Type (Riffle)

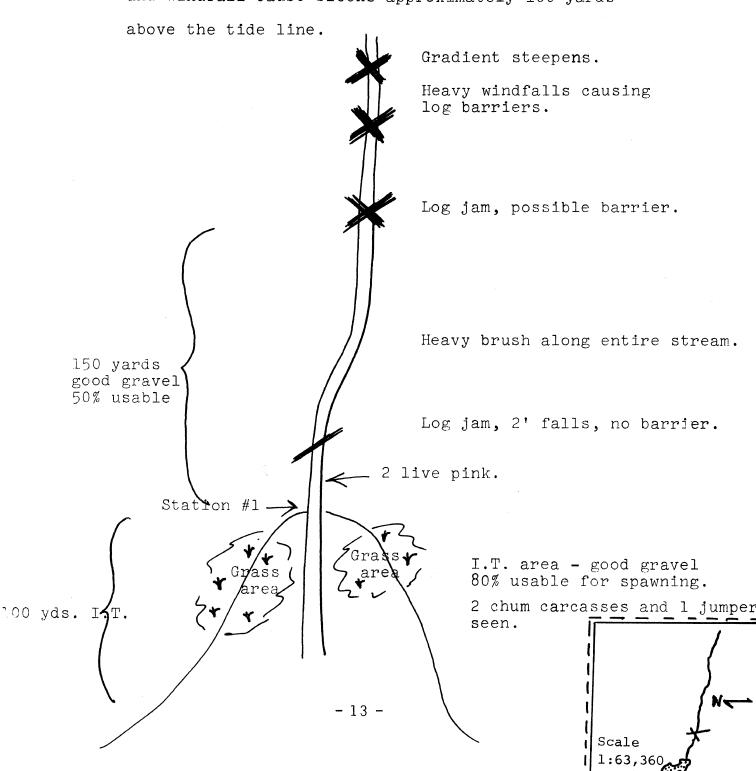
450

General Remarks (rehab., land use, barriers, log jams, etc.):

NAME: Lancaster Coye

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 26, 1966	100	300		40 chum at mouth. 300 carcasses (F)
Sept. 20, 1967	few	750	20 coho	200 chum at mouth. Vis. good (F)
Aug. 19, 1973	N.O.	N.O.		Vis. good (H)
			•	
		i		
		•		
			`	
			- 12 -	

Medium size stream 18' wide at mouth. I.T. area is 100 yards long with good gravel. Above I.T. stream narrows to about 8' wide and gradient steepens. The stream bed above I.T. is good gravel but heavy brush and windfall cause blocks approximately 100 yards



Mame		Catalog No.	102-40-09	ganganan managan managan di manag
latitude N	55° 12' 20" 132° 04' 59" No. Craig A-1 mondeley Sound of Watershed	WR No.		
iongitude W	1320 041 59"	K No		and the second second second second second second second
Geodetic Map 1	vo. <u>Craig A-l</u>	Work Area Ketc	hikan	
Lication Choli	nondeley Sound	Watershed Lengtl	Ω	
Drainage Area	of Watershed	00 1 7 7		and the second s
water Supply :	Type <u>Precipitation</u> -	runoii, probably spr	ings	
Trails & Surve	ey Routes <u>Heavy bru</u>	sh along entire strea	m — walk in the	e stream.
Rerial Survey	Notes Small stream	with overstory making	observation im	oossible.
Anchorage An	chor in Lancaster Cove.			
Tide Stage Who	en Surveyed <u>3/4 out</u>	and ebbing.		
FISHERY RESOU	RCES			
	Fisheries pink and ch	um		a formation and a residence of the state of
Escapement	1,000 pink 8-27-71: 2	pink & 2 chum carcas	ses on 10-6-73:	
Available spa	awning area - 652 M ² position 99% pinks	anni an garta a taona an anni an dhala an an taona dhala an taona dhala an taona dhala an taona an taona dhala		and the second section of the second section of the second section sec
Species Com	position <u>99% pinks</u>	and 1% chum		
Winday.	Tal			
Timing Schooling a	reas Off the mouth			and the second s
DOI/OOTTI'S &	OII the modell			
Shellfish P	otential Very little	but would have a smal	l amount of clar	ms - small
area.				
Sport Fishe	ries <u>None</u>			
	Present Some of th	<u>is area may be involv</u>	ed in a recent 1	timber sale ्
in this area.	Land Use None			
urscory or	Land Use None			
Rehabilitat	ion Potential Non	e. Small stream with	very limited f	ishery potenti
Soils Gen	erally stable in the low	er stream - the strea	m was only walke	ed aprox.
200 yards abo	ve the tree line.			
GAME RESOURCES				
Boar main semantement	Fish carcasses or bones	s (old or fresh) on b	anks. estimate	0
	Number of droppings			0
Geese	Number seen on tide fla	ats		0
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide fla	ets		0
	Number seen up creek			0
	Number of broods seen			0
	Number of broods seen			0
Bald Eagles—	Number seen along creel			0
C = = 3 ==	Number of nests seen a			0
	Number seen at mouth of			0
Tide Ilaus -	Estimate length along l			small flats
	Estimate depth out from Eel grass present on which			
	Ter Stapp brapatte OU Mi	Han Darnallo Or Trans		

STREAM INVENTORY FORM

Name: Number: 102-40-09

War and a second

Observers: Downey, Smith
Date: 10-6-73
Temperature:
Weather: Overoast showers

	+		-		-	+				1	_	
tion No.	г						·					
l Size/Type	1/2											
fle Type th - Depth	18. 18.											
l Riffle quency	Υ,											
tom Type ffle)	7											
or/Turbidity	7											
ocity	2											
w'(C.F.S.)	6.71											
(.Ho) ta	730											
	7.0											
Abundance	0			-								
thos ple No.	ı							·				
her Plant ss	1/2											
atic Veg. sity dent. 1) Mosses 2) Algae	2	en de la companya de La companya de la companya de							5			

eral Remarks (rehab., land use, barriers, log jams, etc.):

NAME:

Lancaster Cove

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Aug. 27, 1971		,		1,000 fish intertidally. Vis. good (A)
Sept. 28, 1972				2 dead pink. Vis. good (F)
Sept. 13, 1973	2,0	00	·	(H)
Sept. 5, 1974	Good showin	g of pinks		Vis. poor (A)
	and criam			
			·	
·				
		-		
. #				
		·		
			- 16 -	

102-40-11 Cholmondeley Sound Downey - Smith 10-6-73

1/4 mile - stopped here

30% usable spawning area to here from Station #4.

l pink carcass

A very nice smaller stream with the best gravel and spawning area occurring in the first 1/2 mile, especially in the open stream areas. Stream appears to be well utilized and looks to be one of the better small streams in Cholmondeley Sound.

100 yards of operarea - gravel good again. Couple of carcasses to here.

Open again good gravel: 75 yards

Short stretch of good gravel again.

log jam area

AIT open. Easy walking and very good riffles. Excellent gravel

All fish advanced.

2'' - 4''

Cale

1 63,360

Very good gravel. Open and nice looking stream.

Tree line.

I.T. area is not much, being composed of trees and debris from logging.

At the forks the stream narrows quite a bit with less water in each fork. The gradient increases with both forks getting smaller with almost no further potential.

Gravel generally not too good with a little more bedrock and large boulders Stream also narrower here. 2 carcasse Also brushier with more down timber.

40% usable spawning area to this point from Station #2.

← Gravel poor here - large boulder type.

l live chum l D.V. trout couple carcasses

Stream enters canyon and narrows (bedrock and large boulders).

} Braided and brushy area.

Gravel quality decreases from this point upward - large boulders.

90% usable spawning area to this point.

16 live chum 6 live pink many dead

Cascade and log jam area: no barrier.

259 live chum 8 live pink Several hundred carcasses

- 50 yards to this point 14 live chum 10% usable spawning area. 18 dead chum

- 17 -

0

(2)

Name		Catalog No. <u>102-40-11</u>	
Latitude M	55° 121 1011	WP No.	man minintendendenderrer er van erkanbenderer er van erkanbenderer er van de verdende van de verdende van de v
Longitude w	1330 UE1 3511	K No. 740	
Geodetic Map	NO. Croim A 7	Work Area Watabilian	
Location Choir	Land Paris A-1	Watershed Length	Annald when a street or the state of the sta
Drainage Area	of Watershed	WR No. K No. 142 Work Area Ketchikan Watershed Length	s to
Water Supply	Type Precipitation	- runoff, probably springs	,
	7.1		agramagan sanaan sana-sana sana sanaa sagaan agramagan arraya
stream.		generally easy stream to walk - wal	*
Aorial Survey	Notes Would be diffi	cult to survey from the air for the	most part -
	ne with a helicopter.		
Anchorage Ar	nchor in Lancaster Cove.		professional and a second payor of a defining a second payor of a defining a second second payor of a defining a a
			and the constant of the state of
Tide Stage Wh	en Surveyed High	just starting to ebb.	-
FISHERY RESOU	RCES		
	Fisheries pink and	chum	
			errentende film - er el erren erhololologiske regelagiske film untvillige er ege
Escapement	450 pink and 175 chum 9-2	28-73: 14pink and 308 chum on 10-6-	-73
Available sp	pawning area - 7,692 M ²		
Species Com	position 50% pink a	nd 50% chum	
Timing Late			, e :
Schooling a	reas <u>Off the mouth</u>		Wyddiad Comment of the State of
Shellfish P	otential None - ver	ry rocky	
Chart Diako	701 0 2 Co 701 D 7		
Sport rishe	ries saw one io Doi	ly Varden - poor potential.	
Tand Neo at	Progent Come of the		
in this area	rreserre <u>Some or un</u>	is area may be involved in a recent	timber sale
	Land Use None)
111100013 01	Tietha obe None		marks are as years to another about a superior and
Rehabilitat	ion Potential None at	t the present - However, this stream	should be log
ged carefull	v as it is one of the few	w in this area with potential.	1 SHOUTH DE TOB
Soils Genera	lly stable - stream has a	a flat gradient for most of its leng	th flowing
through a co	ouple of open areas.	= = = 51 do ferio Tot most of Tob fore	STATE THOUSAND
			para archinga ar a ceannich (agus ar para p <mark>à phil</mark> geachta a para <u>na aire an aire ann a sta-</u>
GAME RESOURCES			
			1
pear,	Fish carcasses or bones	(old or fresh) on banks, estimate	many old
	Number of droppings		several-l bea
Geese		ts	0
	Number seen up creek		0
N. 75 0	Number of broods seen		0
Mallards	Number seen on tide fla	ts	0
	Number seen up creek		0
5.6	Number of broods seen		0
	Number of broods seen		0
Bald Eagles-			0 444
~ ,	Number of nests seen an	d location	0
	Number seen at mouth of		0
Tide flats -	Estimate length along to		0
	Estimate depth out from		0
	Eel grass present on wha	at percent of flats	0

	4.			STREAM	M INV.	j	LORY FORM	M	-		Observers:	ers:	Downe	Downey - Smith	ntth	-
				M. O O				•		A E	Date:	10-6-73	$ \mathbf{c} $			-
				Name:				J		⊣ ‡	Temperature:	ur		-		
				מוווים או		TT-04-20T	77	1 -	•	=	"earnel"		Uvercast	1 3	showers	
ation No.	, 1															
ol Size/Type	2/2															
iffle Type dth - Depth	23W								-							
ol Riffle equency	7															
ttom Type iffle)	4		·													
lor/Turbidity	Н															
locity	2															
ow '(C.F.S.)	8.67															
mp. (°F.)	45°													•		
	6. 0															
y Abundance																
nthos mple No.								i e.		•			•			
gher Plant ass	7															
uatic Veg. nsity Ident. (1) Mosses (2) Algae	2 8										N					

noral Remarks (rehab., land use, barriers, log jams, etc.):

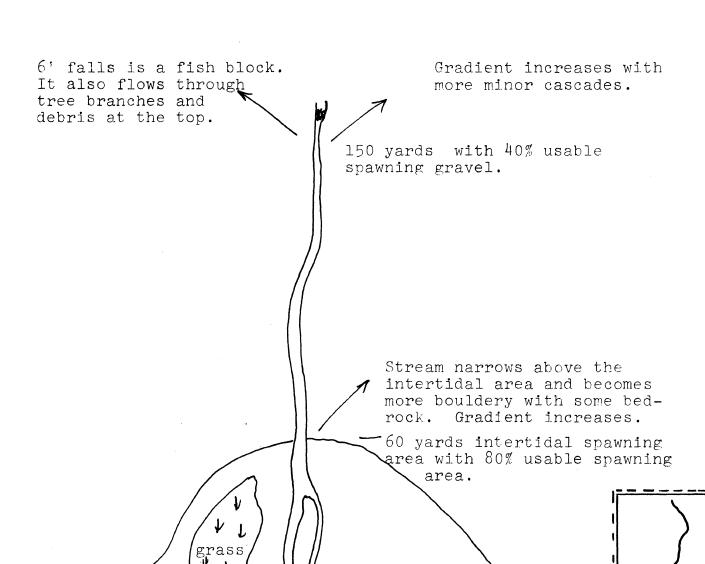
NAME:

Cholmondeley Sound, 1 mile S.W. of Lancaster Cove

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 30, 1948	270	350		Good. 750 fish at mouth (G)
Oct. 7, 1950	20	80		(G)_
Sept. 18, 1957				5,250 chum at mouth (G)
Sept. 20, 1967	10	350	10 coho	Vis. good (F)
Sept. 18, 1968	N.O.	few		(A)
Sept. 3, 1969				20 fish intertidally (F)
Oct. 8, 1970	N.O.	·		No fish seen (F)
Oct. 8, 1971	180	350		Vis. good (F)
Oct. 4, 1972		450		Vis. good (F)
Sept. 28, 1972	450			Vis. good. School of chum off mouth.(F)
Sept. 5, 1974	Good showin and chums			Vis. poor (A)
Sept. 19, 1974	180	519	8 coho	Water low. Vis. excellent (F)
•				
		_	4	
			,	
				·
			- 20 -	

102-40-13 Cholmondeley Sound Downey - Smith 10-6-73

Small stream but it has definite intertidal potential. $A = \frac{few}{e}$ old fish bones along the stream bank in the intertidal area. Fishery potential here is poor except for the intertidal area which has good gravel and could support a small number of spawners



- 21 -

Name	55° 11' 27" 132° 05' 58" No. Craig A-1 lmondeley of Watershed Type Precipitation	Catalog No	102-40-13	
Latitude N	55° 11' 27"	WR No.		
Longitude W	132° 05' 58"	K No.		
Geodetic Map	No. Craig A-1	Work Area Keto	chikan	and the state of t
Location Cho	lmondeley	Watershed Leng	gth	
Drainage Area	of Watershed	an mark of the mar		
water Supply	Type Precipitation	- runorr & probabily s	sbrungs	
Trails & Surv	rey Routes None - w	alk up the stream		
Aerial Survey	Notes Small stream	with overstory - coul	ldn't be surveyed	from the air.
Anchorage A	nchor in Lancaster Cove			
	nen Surveyed <u>Almost</u>			
FISHERY RESOU				The state of the s
		od obym		
Oommerchar	Fisheries Pink an	ia chain		_
Escapement	250 pink & 50 chum on awning area - 615 M2			
	awiing area - 613 M2 position <u>80% pink</u>			
opecies con	ipositoron ou/ pink	and 20% Chum		
Timing Late				
Schooling a	reas Off the mout	h		
Shellfish F	Potential Large fla	ta area aggoriated wi	th this stroom s	o should home
some clam pot	tential and possibly du	ngeness crabs.	rui viirs scream s	o snourd have
Sport Fishe	eries None	21021000 010001		
Land Use at	Present Some of	this area may be invo	olved in a recent	timber sale
in this area	· Land Use None			
11100017 01	Halife 356 Note	and the state of t		
Rehabilitat	ion Potential None yards above the tree 1	- small stream with	a barrier falls :	and steep
Soils Sta	able to a point 150 yar	ds above tree line -	unknown above th	is point
		ab above of the fifth	and above on	is point.
and the latter of the special part of the spec				-
GAME RESOURCES				
Bear	Fish carcasses or bon	es (old or fresh) on	banks, estimate	0
	Number of droppings		,	0
Geese		lats		0
	Number seen up creek			0
Woll loads	Number of broods seen			0
Mallards		lats		0
	Number seen up creek Number of broods seen			0
Mergansers -	Number of broods seen			0
Bald Eagles-				0
	Number of nests seen	and location		0
	Number seen at mouth	of stream		. 0
Tide flats -	Estimate length along	beach		good flats
	Estimate depth out fr			
	Eel grass present on	what percent of flats	5	-

							(•	(
					STRE	STREAM INV.	,	JORY FORM	M	•	Û	bserv	ers:	Downey	•	Smith
)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								•		ப	Date: 10-6-73	10-6=	73		
•					Name:						<u>. </u>	Temperature:	ature			
					Numbe		102-40	-13			قبتي ا	leathe	$r: \underline{0v}$	Overcast	1	showers
							1									
Station No.	·													-		
Pool Size/Type	1/2															
Riffle Type Width - Depth	21W			, ,												
Pool Riffle Frequency	3					·			•						·	
Bottom Type (Riffle)	7		•													
Color/Turbidity	Н						-					·				
Velocity	2															
Flow (C.F.S.)	8.33							·			,		·	-		
Temp, (°F.)	420														•	
Ha	0.9															
Fry Abundance	C/C															
Benthos Sample No.) I				• •			-								
Higher Plant Class	. 2	er e		·				·			·				e e	
Aquatic Veg. Density Ident. (1) Mosses (2) Algae	2 / 2			- The same and the		2										

General Remarks (rehab., land use, barriers, log jams, etc.):

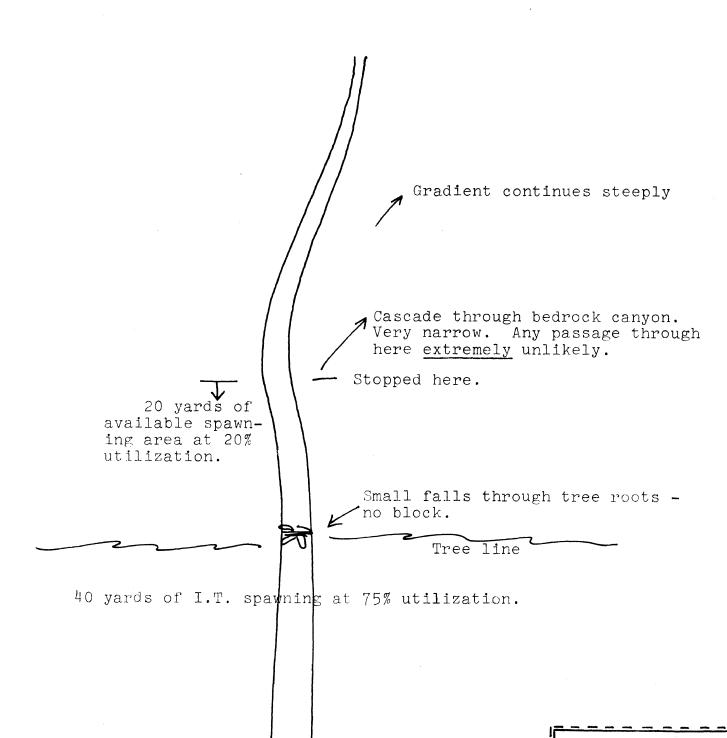
NAME:

Lancaster

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Oct. 8, 1970	N.O.			No fish seen (F)
lug. 27, 1971				Five small schools (500) intertidally. Vis. good (A)
ept. 28, 1972	25	150		Vis. good. School of chum off mouth. Five jumpers (F)
				1
			·	
				•
e al-Critical				
			- 24 -	

Kitkun Bay Stream number 200 102-40-14

No evidence of any fish present although there could definitely be utilization in the I.T. area. Tide 3/4 in and flooding.



Name Kitkun	Bay 55° 10'48" 132° 07' 10" No. Craig A-1 un Bay - Cholmondeley	Catalog No.	102-40-14	
Latitude N	55° 10'48"	WR No.		and the second s
Longitude W	132° 07' 10"	K No.		
Geodetic Map	No. Craig A-1	Work Area Ke	tchikan	-
Location Kitk	un Bay - Cholmondeley	Watershed Len	gth	
DIALIMEC ALCA	OI Wascibilea			
Water Supply	Type Precipitation - r	unoff, possibly s	prings.	
Mandla & Cum	or Doving Chall street		00 1 4	7.
Walk up st	ey Routes <u>Small stream</u> ream.	- steep gradient	20 yards above tr	ee line.
Aerial Survey	ream. Notes <u>Intertidal zon</u>	e only. Small st	ream with overstor	v making
observation	n impossible.		1 - 01 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Anchorage T	nere are a couple of anchor	rages in Kitkun B	av. however, would	recommend
anchoring (elsewhere due to many rocks	s and must come t	hrough chuck.	
Tide Stage Wh	en Surveyed <u>3/4 tid</u> e	e and flooding.		Madayaran marana a Madayaran Madayaran Arana A
FISHERY RESOU	RCES			
Commercial	Fisheries Saw one ur	nidentified fry.	No fish bones pre	sent. Set
minnow traj	o for ten minutes but caugh	nt nothing.		
Escapement_	No escapement record.	Available spawn:	ing area - 37 M ^Z	
Species Com	position Unknown			
pheares com	pesicion onknown			
Timing				
Schooling a	reas Off the mouth.			
Shellfish P	otential Very little -	rocky intertidal	zone.	
Sport Fishe	ries None			
phore traile	I Leb More			
Land Use at	Present None			
History of	Land Use None			
Pahahilitat	ion Potential None. V	Town amall atmosm	unith more limited	
nenabilitation utilization	potential.	very smarr scream	with very limited	access and
	table 20 yards above tree	ine but gradient	is steen beyond to	his and
could be ur	istable in this area if dis	sturbed.	10 booop begond o	
-th-allit our efficie and halling gods, spige alli-law goldings efficies deligh dire wit		er entre en		
GAME RESOURCES				
	Figh opposite as house	(-7-2 0 1)	1	0
DCCT, measure and and are and are	Fish carcasses or bones ((old or Iresh) on	banks, estimate	0
Geese	Number of droppings Number seen on tide flats			0
occac	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide flats			8
	Number seen up creek	,		0
	Number of broods seen			 ö
Mergansers -	Number of broods seen			0
	Number seen along creek			0
	Number of nests seen and			0
	Number seen at mouth of s			. 0
Tide flats -	Estimate length along bea			very little
	Estimate depth out from i			11
	Eel grass present on what	r percent of flat	g	U

				O THE HE	FI TIN V.	THO	T O I			Dato.	Doto: 10 2 72	7 7 7			
				Name:						Tempe	rature	5-(3			
				Number	r:(200)) 102-40-14	10-14			Weath	Weather: 0v	Overcast		showers	N N
		-	1		Ì	1	1	+	+	1	T		+	+	
cation No.	H							.							
ool Size/Type .	2/2														18
iffle Type dth - Depth	W														
ool Riffle equency	, CC														
ottom Type Riffle)	ħ														
lor/Turbidity	7														
locity	,														
- 2 ^{mo} - 2 ^{mo} -	2.50							-							
л этр. (ог.)	091														
	6.5														
y Abundance	1-8									, in the second					
enthos emple Nó.	200							·							
gher Plant ass	N														
						-	-							-	

W. 1250

3mith

Observers: Downey

JORY FORM

STREAM INV.

neral Remarks (rehab., land use, barriers, log jams, etc.):

nsity Ident. (1) Mosses (2) Algae

luatic Veg.

Name	Kitkun Bay	Catalog No. 102-40-15 WR No.	
Latitude	N 55° 10' 14"	WR No.	
Longitude	W 132° 07' 54"	K No. <u>143</u>	
Geodetic Map	No. Graig A-1	K No. 143 Work Area <u>Ketchikan</u>	
Location Kitk	un Bay	Work Area <u>Ketchikan</u> Watershed Length	
Drainage Area	_of Watershed		
Water Supply	Type <u>Precipitati</u>	on - runoff and probably spr	ings.
Trails & Surv	ey Routes This stre	am is relatively easy to wal	k, with much
open area.	Walk up the middle of	the stream.	
		Can be surveyed from the air	as most of
	as are the better spa		
Anchorage	Could probably anch	or somewhere here but would	recommend
anchoring fo	or the night in Lancas	ter cove.	
Tide Stage Wh	en Surveyed Tide	high and starting to ebb.	-
FISHERY RESOU	IRCES		
Commercial	Fisheries chúm, pi	nk, coho	
			Min Millian, item, marin a ter Mana a hadi bir inkada di kabupan marin di mangana mar
Escapement 14 coho 10-8	10,300 pink and 2,20 3-53: 30.000 chum on 9	0 chum on 9-30-48: 1 pink, 8-21-57: Available spawning area	31 chum and - 5.128 M ²
Species Com	position varies but	generally more chum than pir	ık
_			
Timing			
Schooling a	reas Off the mouth		
C1 77.6 1 T	Doon no	t much flats area. Probably	111
few clams.	otential roof - no	t much fracts area. Probably	r rimited to a
Sport Fishe	nias None on rom	ver noon of loost	
Sport Figure	Noue - Or Ver	y poor, at least.	
Land Use at	Present Logging c	amp was located just around	the corner.
No part of t	his stream has been d	isturbed.	
History of	Land Use None.		
Renabilitat	ion Potential None	: However, this is a very g	good stream
with good gr	ravel and gradient and	should be protected.	0.7
Soils Gen	erally stable with th	e stream mostly maintaining	<u>a flat</u>
gradient for	most of its length.		
GAME RESOURCES		•	
Bear	Fish carcasses or bones	(old or fresh) on banks, estimate	many old
	Number of droppings		many, 1 bear
Geese		8	0
	Number seen up creek		0
	Number of broods seen		0
Mallards		ZS	0
	Number seen up creek		0
	Number of broods seen	,	0
Mergansers -	Number of broods seen		0
Bald Eagles-			0
	Number of nests seen and	llocation	0
Seals	Number seen at mouth of		0
Tide flats -			small
	Estimate depth out from	•	
	Eel grass present on wha		

		,		,	1		-	-	-		_	 _	_	-	_
station No.	Н		3	4						·					
ool Size/Type	3/2	1/2	1/2	3/2											
liffle Type lidth - Depth	W 30.5	W 26	W 21	M 16											
ool Riffle requency	, 2	2	2	2		***************************************									
ottom Type Riffle)	ħ	4	77	7											
olor/Turbidity	Н	Н	Н	П				,							
elocity	,	2	2	2											ļ
C.F.S.)	12.08	1	-	i											
00 emp. (°F.)	0 77 7	0 17 17	0 † †	0 † †											
Н	6.0	6.0	0.9	0.9											
ry Abundance	0	ı	ı	ı											
enthos ample Nó.	H	1	ı	ı							·				
igher Plant lass	П.	2	2	uп											
quatic Veg. ensity	2	2	Ч	Н											
Ident. (1) Mosses (2) Algae	/ 2	<u></u>	/	/ 2							 	ngan paga angga kalanga an ana aga seba			
t				1.	1.	1 -	1]					_		-

showers

Temperature: Weather: Overcast

ith

Observers: Downey Date: 10-4-73

Date:__

ORY FORM

STREAM IN

Name: Number:

eneral Remarks (rehab., land use, barriers, log jams, etc.): 10 minute walking intervals between stations

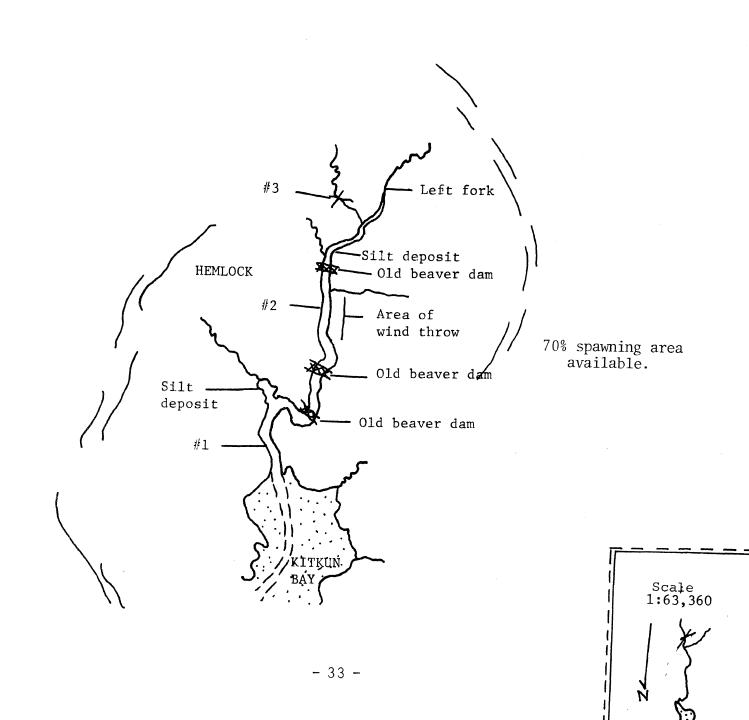
NAME: Kitkun Bay, S. shore 3 miles from head

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Oct. 6, 1930				Very good. Banks, stream mouth full of spawned chum.
Sept. 25, 1940	3,000			Good (G)
Sept. 18, 1941				Very good.150,000 in stream and bay, mostly chum. (G)
Sept. 30, 1948	10,300	2,200		Good. 3,000 fish off mouth (G)
Sept. 9, 1952		12		(G)
Oct. 8, 1953	1	. 1	14 coho	Poor. Old beaver dam present(G)
Season, 1955	3,500	3,500		(G)
Sept. 15, 1956	1,000	1,000		(A)
Sept. 13, 1957		40		10,000 chum at mouth, 25,000 chum in bay.
Sept. 17, 1957				60,000 at mouth
Sept. 21, 1957		30,000		
Oct. 11, 1961		9		17 carcasses. Foot survey of 400 yards. (G)
Oct. 2, 1963	12	28	25 coho	(F)
Aug, 20, 1964	N.O.			Vis. good (F)
Sept. 13, 1965			d	100 fish intertidally (A)
Sept. 26, 1966	50	250		2 chum intertidally. Carcasses present (F)
Sept. 20, 1967	15	400	2 red, 7 coho	150 chum intertidally. Vis good (
Sept. 18, 1968				250 chum intertidally. (A)
Sept. 3, 1969	20			00 fish intertidally (F)
Sept. 12, 1970				200 fish in intertidal zone,(F)
Aug. 27, 1971	300			Vis good (A)
Oct. 7, 1971		410		Vis. good (F)
			- 31 -	

NAME:

Kitkun Bay, S. shore 3 miles from head

DATE	PINK	СНИМ	OTHER SPECIES	REMARKS
Oct. 4, 1972	25	120		Vis. Good (F)
Aug. 15, 1973 Sept. 5, 1974	500			1,000 fish at mouth. Vis good (H Few chums jumping in Kitkoon. Vis. poor (A)
·				
			- 32 -	



Name <u>Kitkun B</u>	ay Stream #1	Catalog No. 102-40-17	
Latitude N	55° 10.1' 132° 09.5' W	WR No. 144 (previous number 13)	1 / \
Candatic Nan	No. Craig - A-1	Work Area <u>Ketchikan</u>	LA)
Drainage Area	of Watershed	1.39 sq. miles	
Water Supply	Type Springs and runoff	1.55 54. 1.1.25	
Two:la Com	Davida		
hard to walk ar	ound.	waded during normal flow, beaver of	lams may be
	Notes Dense brush limi	ts visibility.	
anchorage Goo	d anchorage in Kitkun but	entrance tricky to handle. Least	depth - 1 fatho
Pide Stage Wh	en Surveyed 1st ha lf	of ebb.	
PISHERY RESOU	RCES		
Commercial	Fisheries Excellent ch	um producer.	
© a a a a a a way fr	Dormov counted 6 000 chum	in 1972 (this data was not listed	J. ADTICO
stream Surve	y book). Available spa	while area -6.020 M^2	in ADF&G
Species Com	position Pink and chum	salmon	
Timing Late	e-late September - Octobe	r.	
20 UOOTIUS S	reas <u>School directly in</u>	front of mouth.	
Shellfish P	otential Dungeness crab	off bay, clams present in high num	ber in bay.
Sport Fishe	mies <u>Cutthroat and Dol</u>	ly Varden but main emphasis on comm	ercial species.
Land Use at	Present Presently und	er IDT study road has been pro	anged to
paralell bot	h sides of stream.		, , , , , , , , , , , , , , , , , , ,
History of	Land Use Supposedly a	copper mine was located on this wat	ershed. No
other land us	se known.		
nenabilicat	fish migrations.	cessary - some wind throw present.	Beaver dams
	problem evident on the en	tire watershed	-
	e e	circ watershed.	
GAVE RESOURCES			
Bear	Fish carcasses or bones	(old or fresh) on banks, estimate	100
	Number of droppings	(one of thosh, our same, of occuments	0
Geese		ts	2
	Number seen up creek		0
	Number of broods seen		0
Mallards		ts	25
	Number seen up creek		0
"Newstania and	Number of broods seen		0
	Number of broods seen		0
Bald Eagles-			0
Saale	Number of nests seen an Number seen at mouth of		0.
Tide flats -			1/2 -41
1100 1100 -	Estimate length along be Estimate depth out from		1/2 mile 10-15 feet
	Hel grass present on who		5%
	2000	g and a second s	

Observers: Novak, Down. Date: 4-25-73	Temperature: 43° Weather: Windy and heavy rain.															
STREAM INVEN Y FORM	Name: <u>Kitkun Bay #1</u> Number: 102-40-17															
	10 minute intervals	, r	2 6/2 6	3/2 W 30'W 1	3. 3 3	4 4/3 4/3	1 1 1	2 2 2	Average flow - 17.26	40° 40° 40°	9			2 2 2	2 2 2	1/2 1 1
	1	Station No.	Pool Size/Type		Pool Riffle Frequency	Bottom Type (Riffle)	Color/Turbidity	Velocity	Flow (C.F.S.)		Hď	Fry Abundance	Benthos Sample No.	Higher Plant Class	Aquatic Veg. Density	(1) Mosses (2) Algae

General Remarks (rehab., land use, barriers, log jams, etc.):

NAME:

Kitkun Bay, Ş. shore 1.25 miles from head

STREAM CATALOG NUMBER:

102-40-17

		A****	OMILIA CARACTEC	DUMADIC
DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Oct. 6, 1930				2,000 in stream. Pink spawned out
Sept. 25, 1940	3,000		4.3	Good (G)
Sept. 29, 1948	2,500	2,000		Fair. 3,000 fish off mouth (G)
Aug. 31, 1949	1,000			(G)
Sept. 10, 1952				No fish present (G)
Oct. 8, 1953	3	250		None at mouth (G).
Sept. 13, 1957				3,000 chum off mouth (G)
Oct. 11, 1961		1,150		No fresh fish. Beaver dam stops
Sept. 6, 1962		500		fish (G) (A)
Oct. 2, 1963		400		500 carcasses. Fair number for thi
				stream. (F)
Aug. 29, 1964	N.O.		·	(F)
Sept. 18, 1964	100	25		(F)
Sept. 13, 1965			·	250 fish intertidally. Beaver dams (A)
Sept. 3, 1969	12		a de la companya de	(F)
Sept. 12, 1970				2-300 chum intertidally, Many jump in bay. (F)
oct. 8, 1971	65	230		(F)
oct. 4, 1972	20	7,300		15 chum intertidally. Vis good (F)
Sept. 18, 1974	est.l,	500~		3 schools, Vis. poor (A)
			- 36 -	

Small stream with little potential - except I.T. spawning. Very steep gradient. No soils problems to the point where we stopped walking. 2/3 tide and flooding. Over-cast -- rain. Flow normal.

SSS

Saw a couple of jumps 100' off the mouth.

Stopped here_ 100'

70% spawning area: most and best is I.T.

7 Continues steeply with more series of falls.

12' barrier falls : available spawning to here.

Logs and brush - no block

Tree line

100'

Name Head	Kitkun Bay	_ Catalog No	102-40-20	
Latitude N	55° 09' 08'' 132° 11' 35'' No. Craig A-1 Kitkun Bay of Watershed	WR No.		
Longitude v	/ 132° 11' 35''	K No.		
Geodetic Map	No. Craig A-1	Work Area K	etchikan	
Location Head	Kitkun Bay	Watershed Leng	th 1 mile	
Drainage Area	of Watershed .75	sa mile		territorio de la companya del companya de la companya del companya de la companya del la companya de la company
Water Supply	Type <u>Precipitat</u>	ion - springs.		norm Michigan Santanan san sakan pergantika di Militan san manan
• • •				
Trails & Surv	ey Routes <u>Small stre</u>	am - walk up the str	eam as stream ba	nks are
brushy.				
Aerial Survey	Notes No aerial sur	vey above the tree 1	ine. Small stre	am with over-
story, making ob	servation impossible.			
Anchorage La	rge boats can go in her	e but it's best not	to if any other a	<u>alternative is</u>
available - due	to many rocks and chuck	situation.		
Tide Stage Wh	en Surveyed <u>2/3 tide</u>	and flooding.		
FISHERY RESOU	RCES			
	Fisheries <u>None obse</u>	rived nut a minney to	van in far tan m	inutes and
caught nothi	ng. No old bones, etc	rved, put a milliow t	гар ти тог теп ш	mures and
Escapement	No escapement record.			
	No escapemente record.			
Species Com	position <u>Unknown</u>			West from the second control of the second o
•				
Timing		•		
Schooling a	reas Off the mouth -	saw two jumps.		
Shellfish P	otential <u>Very litt</u>	<u>le - not much intert</u>	idal and is pret	ty rocky.
				The tribute of the supplement
Sport Fishe	ries None			
Land Use at	Present None			
History of	Land Use None.			
Rehabilitat	ion Potential None.	Cmall stroam with	stoon gradient	
Reliabilitad	Ton Totelleral None.	Siliati Stream with	steep gradient.	
Soils Soil	s stable to the point w	alked - 100' above to	ree line Slimn	age could
occur here if	the terrain was distur	hed.	rec rine. Ordinpo	age court
GAME RESOURCES				
GHITE VESCOVES				
Bear	Fish carcasses or bone	s (old or fresh) on	banks, estimate	0
	Number of droppings			0
Geese	Number seen on tide fl	ats		0
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide fl	ats		0
	Number seen up creek			0
	Number of broods seen			· 0
Mergansers -	Number of broods seen			0
Bald Eagles-		ek		0
<u> </u>	Number of nests seen a	nd location		0
Seals	Number seen at mouth o			<u> </u>
Tide flats -	Estimate length along	beach		Don't remember
	Estimate depth out fro			
	Eel grass present on w		3	

FORM	
PORY	
INV	
STREAM	Contract of the Contract of th

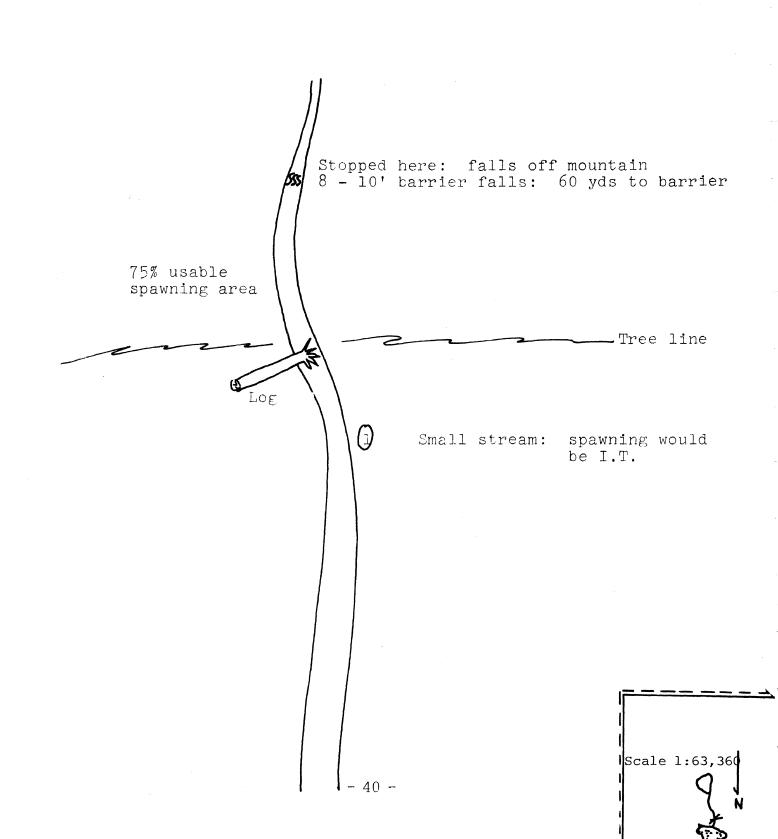
Name: Number: 102-40-20

Smith Downey Observers: Down Date: 10-3-73

spowers Overcast Temperature: Weather: Ove

ation No.	Н							·				
Juli	2/1											
ffle Type ith - Depth	W 22'											
ol Riffle equency	. , m											
ttom Type iffle)	†						·		·			
lor/Turbidity	2/1											
locity	7							-				
OW (C.F.S.)	.81											
. (° F°) 9 du	0917											
_	0.9								·			
y_Abundance	0											
nthos mple Nó.	1		,	·							·	
gher Plant ass	H						· · · · · · · · · · · · · · · · · · ·					
latic Veg. nsity Ident. (1) Mosses (2) Algae	2 2											
Ks	(rehab.,	land use,	barriers,	, 10g	jams,	etc.)	••				-	

Small stream with definite falls barrier 20 yards above the tree line. No evidence of any fish present.



Name Head	<u>Citkun Bay</u> Cata	log No.	102-40-22	
Latituda i	1 FFO AA1 A711 - W.P. N	10		
Longitude	/ 132° 11' 36'' K No).		
Geodetic Map	No. Craig A-1 Worl	κ Area κ_{ϵ}	tchikan	
Location Head	of Kitkun Bay Wate	ershed Leng	th 1.25 mile	
Drainage Area	V 132° 11' 36'' No. Craig A-1 of Kitkun Bay of Watershed Type Small high lake			
Water Supply	Type Small high lake.			
Trails & Surv	ey Routes Walk along stream	bank - small	stream with very	steep
gradient above	ntertidal.			
Aerial Survey	ntertidal. Notes <u>Intertidal zone only</u>	<u>Almost zer</u>	<u>o potential above</u>	the tree
line.	Large boats can go in here by			7.
anchorage	Large boats can go in here by	it its best n	ot to if any other	r alternate
13 available (ue to many rocks and chuck situen Surveyed Half tide and	ia LIUII.		
Tide Stage wil	en surveyed nail tide and i	Tooding.		
FISHERY RESOU				
Commercial	Fisheries <u>None observed. P</u>	it a minnow t	ran in for ten mi	nutes and
caught nothing	g. No old bones, etc.			
Escapement_	No escapement record.			
	Available spawning area - 20	9 M2		
Species Com	position <u>Unknown</u>	·		
				~
Timing	reas Off the mouth			
20100TIUE 9	reas Off the mouth.		· · · · · · · · · · · · · · · · · · ·	
Shallfish P	otential <u>Very little - 1</u>	sociar intenti	J ₀ 1	
DUCTTIT211 I	very little - j	ocky interti	dar.	
Sport Fishe	ries <u>None</u>			
opor o rabile	THOILE .			
Land Use at	Present None			
History of	Land Use None.			
				·
	ion Potential <u>None. Small</u>	stream with	very steep gradie	nt above the
tree line.				
Soils Soil	s stable to the point walked.	<u>Very steep g</u>	radient just above	e the tree
line and slun	page could occur here if the te	rrain was di	sturbed.	
GAME RESOURCES				
Bear	Fish carcasses or bones (old o	or fresh) on	hanks estimate	0
	Number of droppings	/ 11CD(1) OII	baime, countre	0
Geese	Number seen on tide flats			0
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide flats			0
	Number seen up creek			0
	Number of broods seen			· 0
Mergansers -	Number of broods seen			0
Bald Eagles-	Number seen along creek			0
	Number of nests seen and locat			0
Seals	Number seen at mouth of stream	n		0
Tide flats -	Estimate length along beach			
	Estimate depth out from beach			_
	Eel grass present on what per	ent of flats	3	0

mith

Observers: Downey Date: 10-3-73
Temperature:

TORY FORM

STREAM IN

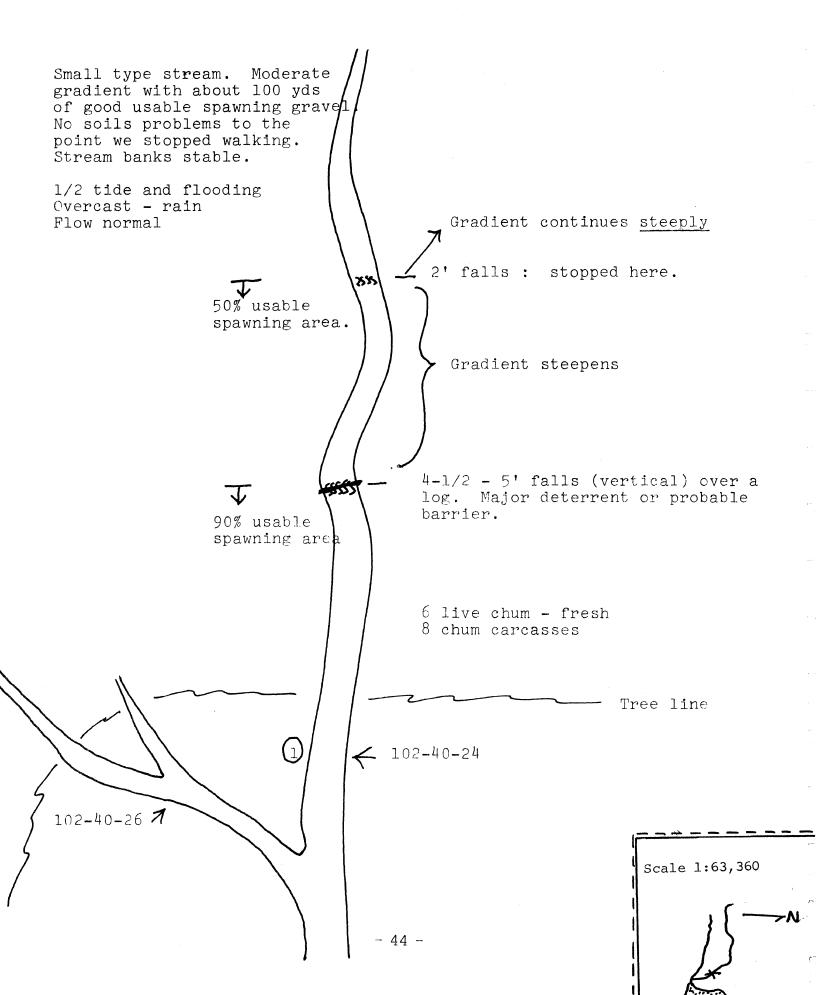
Name:

neral Remarks (rehab., land use, barriers, log jams, etc.):

Idenť. (1) Mosses (2) Algae NAME:

Kitkun Bay

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Aug. 11, 1963				A falls at high tide, barrier to salmon (F)
Sept. 5, 1974	14,0	00		At mouth and in intertidal zone. Vis. poor (A)
			1	
		·		
			- 43 -	



Name Head Ki	tkun Bay Catalog No.	102-40-24
Latitude N	55° 09' 08" WR No.	
Longitude W	132° 11' 50'' K No.	
Geodetic Map	No. Craig A-1 Work Area Ketch	nikan
Location Rig	55° 09' 08" MR No. 132° 11' 50" No. Craig A-1 ht Head of Kitkun Bay Of Watershed Length	1.25 miles
Drainage Area	of Watershed 1.56 sq. miles	
Water Supply	of Watershed 1.56 sq. miles Type Precipitation, springs, runoff	
Trails & Surv	ey Routes Walk up center of stream - easy	walking with very little
debris in the s	tream.	
Aerial Survey	tream. Notes Poor above the intertidal area due to	heavy overstory and
3004111633 OL 616	e stream. arge boats can go in here but its best not to i	
available Due	to many rocks and chuck situation.	i any other afternate is
Tide Stage Wh	en Surveyed Half tide and flooding.	
FISHERY RESOU		
Commercial	Fisheries Six fresh live chum and eight	chum carcasses. No fry
taken in the	minnow trap. No escapement record.	
rscapement_	No escapement record.	
Species Com	<u>Available spawning area - 429 M²</u> position <u>100% chum – probably utilized by a</u>	C . 1 1 1
ppecies con	position 100% chum - probably utilized by a	few pinks and coho.
Timing		
	reas Off the mouth.	
Shellfish F	otential <u>Very little.</u>	
Sport Fishe	ries None	
Land Use at	Present None	
1113001 y 01	Land Use None	
Rehabilitat	ion Potential None. Most of the available	comming area could be
used by salmo	on.	spawiffing area courd be
	gradient above 2' falls approximately 100 yar	ds above the intentidal
zone. Slumpa	age could occur above the falls if this area wa	s logged •
		1000
GAME RESOURCES		
Door		
pear,	Fish carcasses or bones (old or fresh) on bar	
Coogo	Number of droppings	2
Geese	Number seen on tide flats	0
	Number seen up creek Number of broods seen	0
Mallards	Number seen on tide flats	0
rattatus ====	Number seen up creek	4
	Number of broods seen	0
Mergansers -	Number of broods seen	0
Bald Eagles-	Number seen along creek	
	Number of nests seen and location	0
Seals	Number seen at mouth of stream	0
	Estimate length along beach	30 yds.
	Estimate depth out from beach	3 yds.
	Eel grass present on what percent of flats	0

STREAM INVENTORY FORM

Name: Number: 102-40-24

- showers Observers: Downey, Smith
Date: 10-3-73
Temperature:
Weather: Overcast - show

tation No.	П	2								
ool Size/Type	1/2	2/2								
iffle Type idth - Depth	15	W 7								
ool Riffle requency	, .	3								
ottom Type Riffle)	7	7								
olor/Turbidity	1									
elocity	2	7								
low b (C.F.S.)	3.66	1								
emp. (°F.)	094	0917								
H	6.0	0.9								
ry Abundance	0	0								
enthos ample Nó.	Н	ı								
igher Plant lass	Н	2								
quatic Veg. ensity	2 / ,									

Ident. (1) Mosses (2) Algae

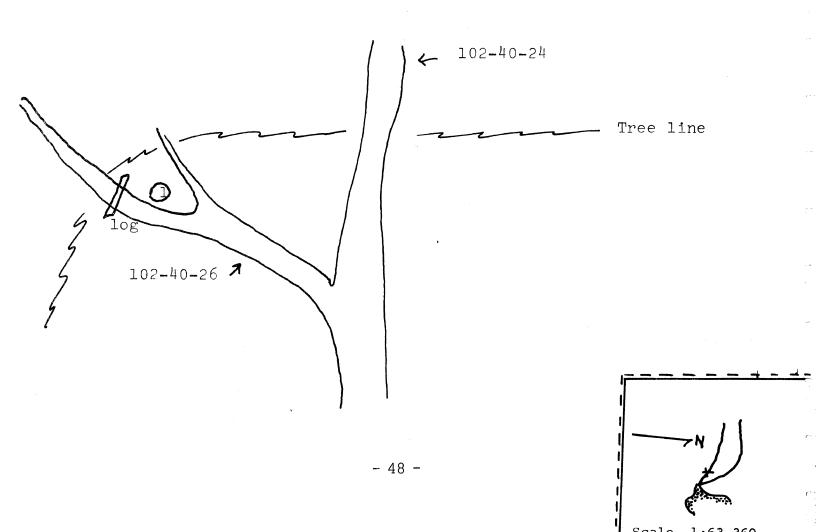
log jams, etc.): land use, barriers, eneral Remarks (rehab.,

NAME:

Kitkun

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 3, 1969	N.O.			(F)
			e e	
·				
			- 47 -	

Very small stream - good I.T. gravel with approximately 60 yards of available spawning area. A few unidentified fish bones seen plus 1 chum carcass. Spreads out in lower IT. Has a common mouth with stream 102-40-24. Stream banks stable. 1/2 tide and flooding. Overcast - rain. Stream flow normal. 90% usable spawning area.



Name Head	Kitkun Bay	Catalog No.	102-40-26	
Latitude	N 55° 10' 00''	WR No.		
Longitude	W 132° 11' 15''	K No.		
Geodetic Map	No. Craig A-1	Work Area Ke	tchikan	
Location Ri	N 55° 10' 00" W 132° 11' 15" No. Craig A-1 ght head of Kitkun Bay of Watershed 1.76	Watershed Leng	th 1.5 miles	
Drainage Area	of Watershed 1.76	sa. miles		
Water Supply	Type Precipitation	- runoff		
	-			
Trails & Surv	ey Routes Walk up the	stream. Small str	eam terminating j	ust above
the tree line.	77.4			The state of the s
Aerial Survey	Notes <u>Intertidal surv</u>	ey only - very smal	I brushy above the	e tree line.
Anchorage L	arge boats can go in here	but its best not t	o if any other al	ternate
is available du	e to many rocks and chuck	situation.		ALTER SERVICE AND AND ADDRESS OF THE SERVICE AND
Tide Stage Wh	en Surveyed <u>Half tid</u>	e and flooding.		
FISHERY RESOU	RCES			
Commercial	Fisheries A few unide	entified fish bones	seen plus one chi	um carcass -
	tream with low potential.			
Escapement	No escapement record.			· Opposite Color of California State State Color of
	Available spawning are			Control of the Contro
Species Com	position <u>Would assume</u>	pink, chum and pos	sibly a couple of	coho.
Timing				The state of the s
Schooling a	reas <u>Off the mouth</u>		mily and the standard a	Characters was a design that the property of t
Shellfish P	Potential Vama 1:4410			
DIICTITION 1	otential <u>Very little</u>			
Sport Fishe	ries <u>None</u>			
		•		
Land Use at	Present None			-
Victory of	Land Use None			then gazane are a make for the point to perform and the contract of the contra
1115 COLY OI	None None			
Rehabilitat	ion Potential <u>None -</u>	very low potential	stream with the	only real
potential be	ing a very limited intert	idal area.		
Soils Stee	gradient above the inte	rtidal zone. Slump	age could occur i	f this area
	Appears stable now.			
GAME RESOURCES				
Bear	Fish carcasses or bones	(old or fresh) on	banks, estimate	0
	Number of droppings		•	0
Geese	Number seen on tide flat	ts		12
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide flat	ts		8
	Number seen up creek			0
	Number of broods seen			. 0
Mergansers -	Number of broods seen			0
Bald Eagles-	Number seen along creek			0
	Number of nests seen an			0
	Number seen at mouth of			0
Tide flats -	Estimate length along b			30 yds
	Estimate depth out from			3 yds
	Eel grass present on who	at percent of flats	3	0

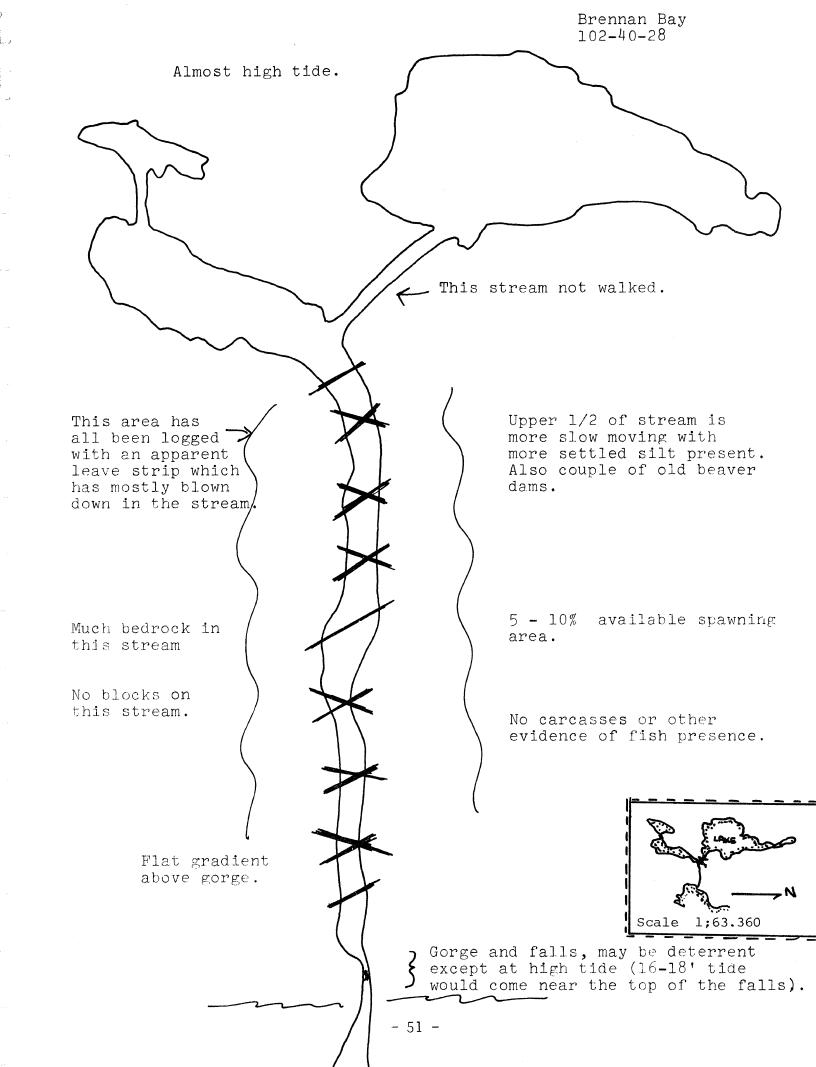
FORM	
INVENTORY	
STREAM	Section of the Continue of the

Name: Number: 102-40-26

Observers: Downey, Smith Date: 10-3-73
Temperature:
Weather: Overcast - showers

11 11 11 11 11 11 11 11 11 11 11 11 11	r	Amha nou-augu	and the second second	del aprilmonto d	-										
SCALLOII NO.	7	1	+	+	+		1	1	-						
Pool Size/Type	1/2					***************************************		Hold Market Work 1991			 · · · · · · · · · · · · · · · · · · ·				
Riffle Type Width - Depth	∑ 7.													·	
Pool Riffle Frequency	, M														
Bottom Type (Riffle)	†														
Color/Turbidity															
Velocity	, 5											·			
Flow (C.F.S.)	9														
Temp G (°F.)	480						1								,
HC	6.0														
Fry Abundance	0														
Benthos Sample No.	Н													·	
Higher Plant Class															
Aquatic Veg. Density Ident. (1) Mosses (2) Algae	2 2									,					
	4040%)														

eneral Remarks (rehab., land use, barriers, log jams, etc.):



Name <u>Bre</u>	nnan Creek	Catalog No.	102-40-28	
Latitude N	55° 11' 19''	WR No.		
Longitude <u>W</u>	132° 09' 27"	K No. 145		
Geodetic Map	No. Craig A-1	Work Area	Ketchikan	
Location Out	side Main Kitkun Bav	Watershed Leng	gth 2.5 miles	
Drainage Area	132° 09' 27" No. Craig A-1 side Main Kitkun Bay of Watershed 3.	O sa. miles		
Water Supply	Type <u>Lake systems</u>			
larro magair	ey Routes This stre	am "Very diffic	ult" walking di	ue to the
Large Massiv	e amounts of windfall	in, over and a	round the stre	am from Loggir
difficult or in	Notes <u>Dark muskeg colompossible to survey from t</u>	he air	s or rog jams. Wo	outa be
Anchorage Coul	ld probably anchor somewhe	re here but would	rocommond anchori	ing for the
night in Lancas	ster Cove		recommend anchor	ing for the
Tide Stage Wh	en Surveyed <u>Almost hi</u> g	h.		
FISHERY RESOU				
	Fisheries <u>pink, chum:</u>	left minnow trap	in overnight catch	ning four
cutthroat trou	at and 1 stickleback.			
	300 pink and 600 chum	on 9-29-48.		
	Available spawning a	rea - 209 M ²		
Species Com	Avai <u>lable spawning a</u> position <u>66% chum an</u>	d 33% pink.		
Timing				
Schooling a	reas Off the mouth			
perioorring a	reas off the mouth			
Shellfish P	otential None - very ro	cky intertidal zoi	ne.	
Sport Fishe	ries <u>Unknown - could h</u>	ave good potentia	l with the lake sy	stems.
Land Hag at	Present None			
nand use at	rresent None			
History of	Land Use This area al	ong stream has bee	en logged.	**************************************
				•
Rehabilitat	ion Potential Some o sure - no barriers on the	t the windfall cou	ıld be removed but	to what
Commenter and the second of th				
Soils Loggi	ing has caused 'much silt'	to settle in the s	slower moving area	is of the
upper stream r	nere - flat gradient so no	slumpage has occi	irred. All logged	L
GAME RESOURCES				
Bear	Fish carcasses or bones	(old or fresh) on	banks. estimate	0
	Number of droppings	,	, , , , , , , , , , , , , , , , , , , ,	0
Geese	Number seen on tide flat	S		0
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide flat	S		30
	Number seen up creek			0
	Number of broods seen			0
	Number of broods seen			0
Bald Eagles-	Number seen along creek			0
	Number of nests seen and			0
	Number seen at mouth of			. 0
Tlde flats -	Estimate length along be			almost none
	Estimate depth out from			11
	Eel grass present on wha	t percent of flat	S	0

TORY FORM STREAM INV

Name: Number: 102-40-28

F. S. S.

Observers: Downey Smith
Date: 10-3-73
Temperature:
Weather: Overcast - showers

	THE PROPERTY OF THE PROPERTY O		
tation No.			
ool Size/Type	2/2		
	W 30°		
ool Riffle requency	2 ,		
ottom Type Riffle)	3/4		
olor/Turbidity	2		
elocity	. 2		
low (C.F.S.)	2 <u>0</u> .12		
3 emp. (°F.)	240		
Ţ	5.5		
ry Abundance	4-4 1-stickel back		
enthos ample No.			
igher Plant lass	3		
quatic Veg. ensity Ident. (1) Mosses	7 2		
(2) Algae			

eneral Remarks (rehab., land use, barriers, log jams, etc.):

NAME: Kitkun Bay, N. shore 2.5 miles from head

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 29, 1948	300	600		Excellent, 200 fish off mouth (G)
Sept. 13, 1957	0	. 0		None observed off mouth (G)
			·	
		٠.		
	·			
			1	
			- 54 -	

102-40-31 Small narrow stream. Affords water supply for logging camp. Between Dora and Kitkun Bays Little potential but could 10-4-73 support salmon with the I.T. being the best area by far. 200 yards Stream is brushy from here upstream. Narrows and gradient increases. Almost zero potential from here upstream. Open area - good riffles for this short stretch (100 yards). 90% usable spawning area. Stream narrow. Many logs, brush and walking difficult. 40% usable spawning area. Small cascade area - possible deterrent but didn't appear to be a block. 16 live chum } to 8 dead chum } cascade Open area - extend to the upper I.T. area. Logging camp water supply. Scale 1:63,360 Logging camp

Name		_ Catalog No	102-40-31	
Latitude N	55° 11' 48" 132° 11' 27"	WR No.		
Longitude <u>W</u>	132° 11' 27"	K No. 146		
Geodetic Map	No. Craig A-1	work Area	<u>Ketchikan</u>	
Location Cho	lmondeley Sound of Watershed	_ watersned Leng	;th	
				7
warel, pubbil	Type Precipitati	on and runoff, p	robably springs	s also
Trails & Surv	ey Routes <u>No tra</u> i	ls with portions be	ing difficult to v	valk due to
windfalls an	d overhanging brush – wa	alk in the stream.		
Aerial Survey	Notes Small stream wi	ith dense overstory .	- can't survey fro	om the air.
Anchorage Be	st to anchor in Lancaste	er Cove. off the mount	th of Lacoon Creel	c or off
the mouth of	Dissappearance Creek.	or dove, our one mou	on or tagoon orcer	OI OII
	en Surveyed Low tide.			
FISHERY RESOU	IRCES			
	Fisheries pink and	chum		
				Principal Control Cont
Escapement_	400 pink and 400 chum	9-29-48: 24 chum 10-	-4-73	
No other esc	apement data available.	Available spawnin	g area - 1,271 M ²	
Species Com	nposition <u>50% pink a</u>	und 50% chum		
Timing Late				
	reas Off the mouth			
20110011110	out one modern			
Shellfish P	otential <u>Limited to</u>	clams - not much to	ide flats.	
<u> </u>				
Sport Fishe	ries None			
Tand Mae at	Present Logging	comp located home or	ad taleing restors for	
stream.	TTeseire 10881118	camp rocaced here ar	in raktiik maret. II	foil the
	Land Use None			to the capital and a second transfer and the capital and the c
Rehabilitat	ion Potential None	- small stream with	only limited pote	ential.
Soils	Generally stable.			
00110	deficially scapie.			
GAME RESOURCES				
	Figh compagged on home	a (ald an floorin) an	Indiana and and and and and	_
	Fish carcasses or bone Number of droppings	s (ord or riesu) ou	carks, estimate	0
Geese	Number of dioppings Number seen on tide fl	ate		0
00000	Number seen up creek	C. O.D		0
	Number of broods seen			0
Mallards	Number seen on tide fl	ats		0
	Number seen up creek		•	0
	Number of broods seen			0
	Number of broods seen			0
Bald Eagles-	Number seen along cree			0
Conlo	Number of nests seen a			0
	Number seen at mouth o			0
TIUS -	Estimate length along Estimate depth out fro			small flats
•	Eel grass present on w		3	
	HOW CHOOK ENTONIETO OUT AL	and porterior or radio.	J	

STREAM INVENTORY FORM

Name: 102-40-31

१) ((क्षेट्राच

Observers: Downey, Smith
Date: 10-4-73
Temperature:
Weather: Overcast - showers

	-		-	-	-	·						-	-
tation No.	Н	2									,		
ool Size/Type	372	2/2											
iffle Type idth - Depth	W 171	M 7 '											
ool Riffle requency	, 3	2										·	
ottom Type Riffle)	4	4											
olor/Turbidity	Н	Н											
elocity	, a	7											
low (C.F.S.)	1.8	ı											
 emp. (of.)	0 † †	077		***************************************				A.s. 44.					
Н		7.0											
ry Abundance	4-3 1-2	ı											
enthos ample No.	Н	-1											
igher Plant lass	2												
quatic Veg. ensity Ident. (1) Mosses (2) Algae	2 2 2	2 2 2											

eneral Remarks (rehab., land use, barriers, log jams, etc.):

NAME: Cholmondeley Sound, S shore 1.6 miles W. of entrance to Kitkun Bay

STREAM CATALOG NUMBER:

102-40-31

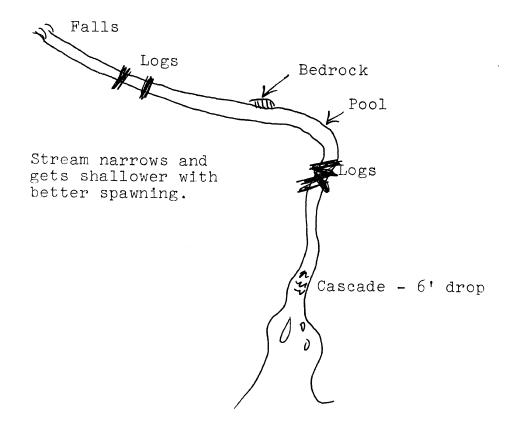
DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 29, 1948	400	400		Poor. 250 fish off mouth (G)
		,		
			·	
			- 58 -	

102-40-31A #101 Westlund 10-10-73

Stream is 4-6' wide. No fish or carcasses. Barrier about 10' above high tide. Flat has lots of logs in it. Stream drains a logged area.

102-40-32 #102 10-10-73 Westlund

Hemlock - spruce - 60-40. Thick brush along stream. Tide flat of little value - some clam shells present.





Hame		Catalog No. 10:	2-40-32	. 1 1 1
Latitude 55	0 12' 14" 0 14' 20" 0. Craig - A-1 . Sd Dora Bay	WR No. 132A		
Longitude 132	0 14' 20"	K No. <u>K147</u>		
Geodetic Map	No. Craig - A-1	Work Area		
Location Chol	. Sd Dora Bay	Watershed Length	.5 mile	
prainage wrea	Or water siled 1.44	sq. miles		
Water Supply	Type <u>Lake - precip</u>			
Trails & Surv	ey Routes <u>None</u>			
Namial Survey	Notes 6' falls, pass	oblo with diffin	174 2001 11	natnam
Actual burvey	Notes o rails, pass	able with dillict	ultoy. 200. u	.pstream.
Anchorage fo	r small boat in bight	on right side of	mouth.	
				·
Tide Stage Wh	en Surveyed Floodin	g		
FISHERY RESOU	BUES			
	Fisheries Pink, chum			
oommer erar	. I Brief I C B			
Escapement	inadequate records.	No fish observed	10-10-73	
*	Available spawning area	- 149 M ²		
Species Com	Available spawning area position Not known.			
Timing La	te			Name - April 1
Schooling a	reas <u>Small flat off</u> m	outh of stream.		
Gladdela D				
Snellish P	otential <u>Some clam b</u>	eds present at o	iter end of f	lat
Sport Fishe	ries N o ne			
ppor o rabino	r r c b None			
Land Use at	Present None			
History of	Land Use <u>None</u>			
ge witneber jegans dage velugisk geligsplättigde van Jië Anthei Salaks, genastyje is besiden belik velken klaise				
Rehabilitat	ion Potential Small	spawning area abo	ove barrier.	
Call of Chal				
SOLIS Stab	le - stream banks away	from stream itse	<u>≥</u> 11.	
delicate agreembrane foldet havename bisservings garden BAR even agant som				
GAME RESOURCES				
Bear warmen and the same and	Fish carcasses or bones (old or fresh) on bar	nks, estimate	50
	Number of droppings	·	•	0
Geese marie and and and and and and	Number seen on tide flats			0
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide flats			0
	Number seen up creek			0
7.0	Number of broods seen			0
-	Number of broods seen		·	2
bard tagles-	Number seen along creek	loantion		
_ p[aa2	Number of nests seen and Number seen at mouth of s			0
	Estimate length along bea			
TIME TIMES	Estimate depth out from b			1/4 mi 20 ft.
	Eel grass present on what			0
		,		J

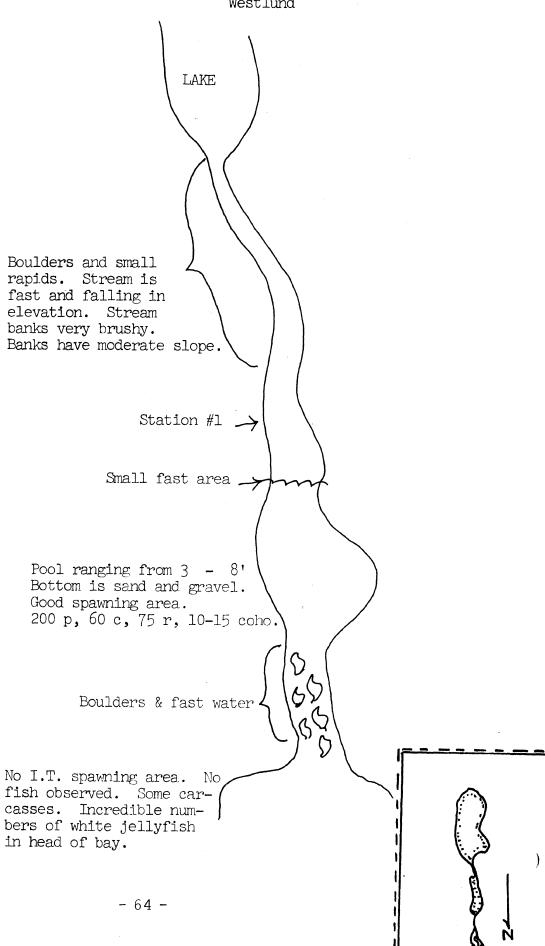
						STREAM	M INV	,	LORY FORM	≽ 1		- Ö À	Serve Serve	Observers: Westlund	est lur		Joyner	2.
						Name:						Ž Ę	mpera	10-3-1	2			
						Numbe	1	102-40-32	32	1);; 	ather	Weather: Overcast	reast	- 1t.	rain	-
	· r									1	1					1		
tation No.	7	V																
ool Size/Type	N	N																
·	16.														•			
ool Riffle requency	8	· C	COLOR MAN A PROPERTY OF THE PR	-					•						•			
ottom Type Riffle)	4/5	4/6												·				
olor/Turbidity	2/2	2/2							•								1	
elocity	2	2						·										
low'(C.F.S.)	14.89																	•
60 (.F.)	470	470														·		
H	. 9	. 9						-			in							
y Abundance	.0	0													·	, t		
enthos Ample No.	, r-1	. 0																٠,٠
igher Plant lass	. 5	. 2																
quatic Veg. ensity Ident.	S	2 /													•			
(1) Mosses (2) Algae		·						-								,		4.1
t	dodou)	الم الح الم الح	0 5 5	, er o d	\$ •:	ا کی ا	3	040										

eneral Remarks (rehab., land use, barriers, log jams, etc.):

NAME: Dora Bay, S. shore 2 miles N.E. of head

		102-40-32		
DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 15, 1941	·			200,000 in bay and streams (G)
Sept. 29, 1948	300	400		Good. 100 fish at mouth (G)
Sept. 17, 1953		· 2	·	Poor. (G)
Sept. 13, 1957	25	. 0		1,000 pink off mouth (G)
Aug 10, 1959	4,000	0		None at mouth(A)
			:	
			. •	
		-	·	
			- 63 -	

102-40-33 Dora Lake Stream Cholmondeley Sound 1010-73 Westlund



Name Dora I	ane oreen	UD No 300	
Latitude5	5° 10' 23"	WR NO. 132	
Longitude 13	32° 14' 22"	K No. <u>K 148</u>	
Geodetic Map	No. Craig - A-1	Work Area	
Location Choml	y Sd. Dora Bay Head	Watershed Length 1.6 m	iles
Drainage Area	of Watershed 2.54 s	a. miles	
Water Supply	Type <u>lake</u>		
Trails & Surv	ey Routes <u>No trails -</u>	banks brushy and steep. Trav	vel up stream.
Aerial Survey spawn.	Notes <u>large pool just</u>	above high tide where most of	f the fish stay and
Anchorage For	small boat - in bay. No	t recommended for larger boats	3
Tide Stage Wh	en Surveyed <u>Flooding</u>		
FISHERY RESOU			
Commercial	Fisheries Pink, chum,	red, coho	
Escapement_	200 P. 60 C. 75 R. 10 col	ho — 10—10—73. INadequate rec a — 1,410 M ²	cords.
Choose Com	Available spawning are	d - 1,410 M2	the age can see any consequent as a special state their characters of the administration of the consequence of
phegres con	position 70% pinks		
Timing Mid	dle to late		
Schooling a	reas None off mouth -	in the bay is best area.	
20110323116		in one buy is best area.	
Shellfish F	otential None		
Sport Fishe	eries Very little for	coho	
Land Use at	Present None		
History of	Land Use None		
Rehabilitat	ion Potential Very 1:	ittle - stream too short for a	ny extensive use.
Soils Stre	am banks stable. Areas o:	f bedrock present in lower par	?t.
GAME RESOURCES			
Poor	Tigh as was again on homes	(ald on floorb) on boules and	i mada a OF
DCCT I , man are some after a men after a page		(old or fresh) on banks, esti	
60050	Number of droppings Number seen on tide flat		2
Carlotte Control of the same o	Number seen up creek	/B	0
	Number of broods seen		0
Mollande	Number of broods seem Number seen on tide flat		
ralidius	Mulber seen on tide Tilat Mulber seen up creek	,5	0
	Number of broods seen		
Marsana ana	Number of broods seen		
•			2
Data Esgles-	Number seen along creek Number of nests seen and	3 leastics	<u> </u>
్ ల్డబ్	Number of nests seen and Number seen at mouth of		
			- 0
1145 11302 -	Estimate length along be		0
	Estimate depth out from Eel grass present on wha		
	- ELL PLOSS DITIBULE UN VILLE	io Cerceiro Or radio	U

						STREAM	IM INV.		ORY FORM	ΣI		0	bserv	Observers: Westlun	Westl	un	Joyner	ler
						Name N						A È	Date:	-01	3-73			
•						Number	1	102-40-33	22		ı	ਜ ਹ ੋ	emper.	Tenther On	re:		3	
en periode distillibration and enterprise and enterprise and enterprise and enterprise and the enterprise and e							1 1			1			7		- מדבו	1	1777	_
Station No.	'r-1	C)																
ool Size/Type	1/1	3/2																
liffle Type Lidth - Depth	221	191																
ool Riffle requency		3													•			
ottom Type Riffle)	4/5	4/5																
olor/Turbidity	1/1	1/1		,														
elocity	2	2																
low,(C.F.S.)	27.03																	
emp. (°F.)	510	510														 		
Н	. بن	5																
ry Abundance	0	0			T .													
enthos ample No.	Н	0							-									
igher Plant lass	5	2																
quatic Veg.	2	۲.																
Ident. (1) Mosses	\	\											•					
(2) Algae	2	2						-										.aa
eneral Remarks (r	(rehab.	land	l use.	bar.	barriers	100	מ של מי	4										le se

eneral Remarks (rehab., land use, barriers, log jams, etc.):

NAME: Dora Creek

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Oct. 5, 1930				Well seeded. 5,000 chum, coho, and pink in stream (G)
Sept. 15, 1941				200,000 chum, coho and pink in ba
Sept. 29, 1948	6,000	600		Good. 1,000 off mouth (G)
Sept. 10, 1952	35	20		(G)
July 12, 1953				Nothing in stream. About 1,000 rein entire bay (G)
Sept. 17, 1953	8	30	1 coho	Poor, 90% fish bright (G)
Sept. 28, 1955	10,000	2,000		(G)
Sept. 2, 1956				25,000 pink at mouth
Sept. 4, 1956	15,000			
Sept. 21, 1957	5,000	20,000		Good
Aug. 22, 1963				500 fish at mouth. Nothing intertidally (A)
Aug. 29, 1964	N.O.			(F)
Sept. 12, 1966	200			Vis. Excellent (H)
Aug. 23, 1967	N.O.			Vis. good (A)
Aug. 28, 1969	N.O.			(F)
Aug. 26, 1970	800			Vis. good (A)
July 10, 1973	N.O.			Vis. good (A)
	energy of the Country			
	CD-Parker and Co-Parker			
	Control and Contro			
			- 67 -	

102-40-33A #103 Westlund 10-10-73

About 4' wide - thick brush along banks. Stream is rocky and falls fairly fast in elevation. Log jam barrier 75' from high tide. No tide flat. No fish observed.

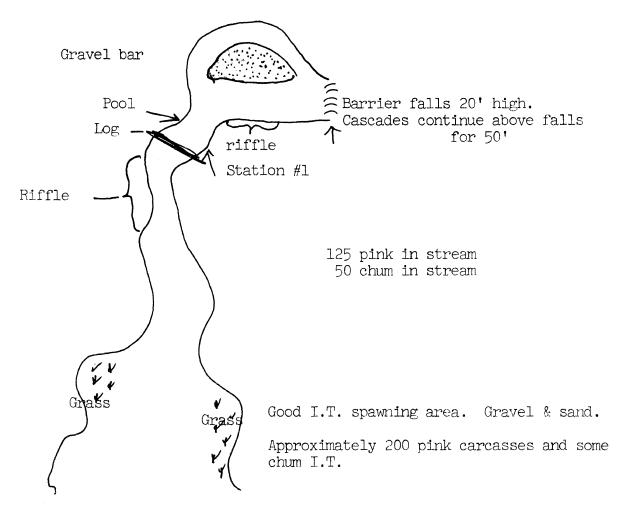
Available spawning area - 17 M^2

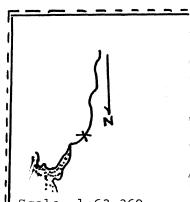
102-40-33B #104 Westlund 10-10-73

Stream 8' wide, falls rapidly in elevation. No fish observed. Barrier to pinks above high tide.

102-40-35
Dora Bay
stream half way down bay on right.
10-11-73
Westlund

Good spawning gravel in stream below falls. Banks are away from stream. Timber is good.





Name		Catalog No. 102-40-35	
Latitude 55	0 771 30"	WR No. 132-B	
Longitude 132	0 15! 39"	K No. K 149	
Geodetic Map	° 11' 30" ° 15' 39" Vo. Craig - A-1	Work Area	
Location Chomly	Sd. Dora Bay W. Shore	Watershed Length 1.8 mile	28
Drainage Area	of Watershed 1.9 s	sq. miles (Polor P.)	
Water Supply	Type <u>Precip.</u>		
Trails & Surv	Routes No troils r	uring high tide, boat can be tal	
IIdiib & buiv	y nouces <u>no trails.</u>	uring high tide, hoat can be tak	ken up.
Aerial Survey	Notes Barrier falls ab	out 120' above H.T. mark.	
Anchorage In	bay. No anchorage close	to stream.	
Tide Stage Wh	en Surveyed mid tide	- falling.	
FISHERY RESOU	RCES		
	Fisheries Pink, chum.		
Escapement	Pink 125 live, 300 dead;	50 live chum. 1973. Past Pecc	ords inadequate
•	Available spawning area	- 306 M ²	
Species Com	position <u>Not kno</u>	wn.	
Timing L	ate		
Schooling a	reas In bay. Possible	limited schooling in tidal area	at high tide.
Shellfish P	otential <u>Some. Clam s</u> 1 I.T. area.	hells seen, but extent of beds n	ot known.
Sport Fishe			
Land Use at	Present None		
History of	Land Use None		
nitooory or	Borre Obe None		and a wind and the an experience of the contract of the contra
Rehabilitat high.	ion Potential <u>Some sp</u>	awning area above falls. Barrie	er is 10–14'
	drock present in several a	reas.	
	de con properto in beverar d	L Cab.	
and the section of th			
GAME RESOURCES			
Rear was the same of the same	Fish carcasses or hones ((old or fresh) on banks, estimat	e 50
	Number of droppings	ond of freeling of barms, esoning	
Geese	Number seen on tide flats		
,	Number seen up creek	•	0
	Number of broads seen		0
Mallards	Number seen on tide flats		<u> </u>
	Number seen up creek		0
	Number of broods seen		0
Mergansers -	Number of broods seen	,	2
2	Number seen along creek		0
	Number of nests seen and		0
Seals	Number seen at mouth of a	stream	0
Tide flats -	Estimate length along bea		1/4 mile
	Estimate depth out from b		15 ft.
	Eel grass present on what	t percent of flats	20%

					,	STREA	N INV		CORY FORM	Œ]	01	Observers:	ers	Westlu	Ju	- Joyner	uer-
agenda and a					, , ,	Name:					1 F4	Temper	Temperature:	<u>-73</u> :			
				- -		Numbe	' !	102-40-35	35		,::Ā	eathe '	0 -	Overcast	st w/	rain	_
station No.	-					·							·				
ool Size/Type	2/1						•										
iiffle Type idth - Depth	251	·															
ool Riffle requency	က						·		• .								
Sottom Type Riffle)	ħ								·								
olor/Turbidity	1/1																
elocity	2									-							
low (C.F.S.)	33.52																•
S emp!(⁰ F.)	42°							-							·		
Н	٠ ا		·		· · ·												
ry Abundance	0				·			•									
enthos ample No.	r-I																
igher Plant lass	. 2							• • • • • • • • • • • • • • • • • • • •									
<pre>quatic Veg. ensity Ident. (1) Mosses (2) Algae</pre>	3.																
emarks	(rehab., 1	land u	use, 1	oarr:	barriers,	log	jams,	, etc.)	:: ·								

NAME:

Dora Bay, W. shore 1.2 miles from head

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
ept. 29, 1948	2,300	500		Fair. 200 fish off mouth (G)
ept. 10, 1952				No fish present (G)
			·	
				·
	·			
		·		
		·		
			·	
•				
			- 73 -	

102-40-39 #110 Westlund 10-11-73

Large log jam barrier at high tide mark. No fish - no carcasses. Stream about 3' wide - very shallow.

102-40-41 #109 South Arm Westlund 10-11-73

Stream is about 6' wide and has a barrier falls 20' above high tide mark. 5 chum in pool below falls. 2 or 3 pink carcasses on flat. Stream above falls is a series of small rapids. Stream flows through steep-sided canyon with bedrock.

Available spawning area - 6 M^2

NAME:

Dave Drewery Creek

DATE	PIŅK	CHUM	OTHER SPECIES	REMARKS
Oct. 11, 1961 Aug. 20, 1973	·	50		All old. (F) 800 chum intertidally. Vis. excellent (A)
		·		
			- 76 -	

102-40-42 #111 Westlund 10-11-73

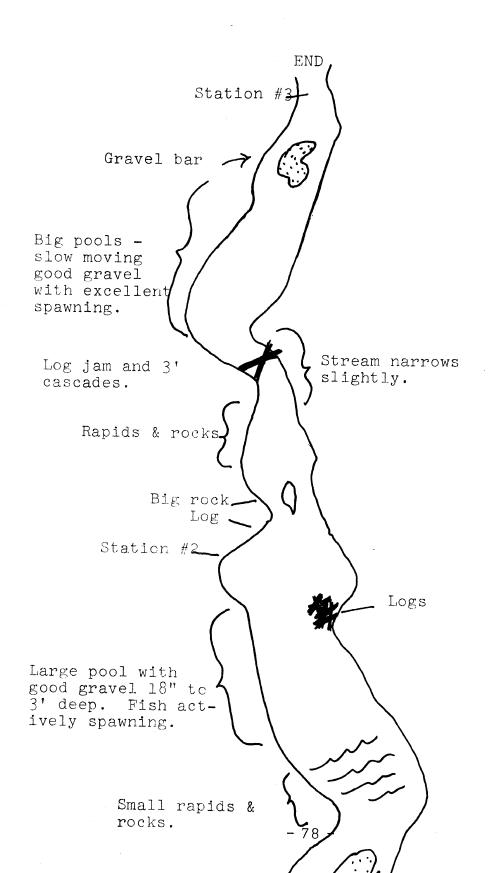
Large log jam on flats - probably covered at high tide.

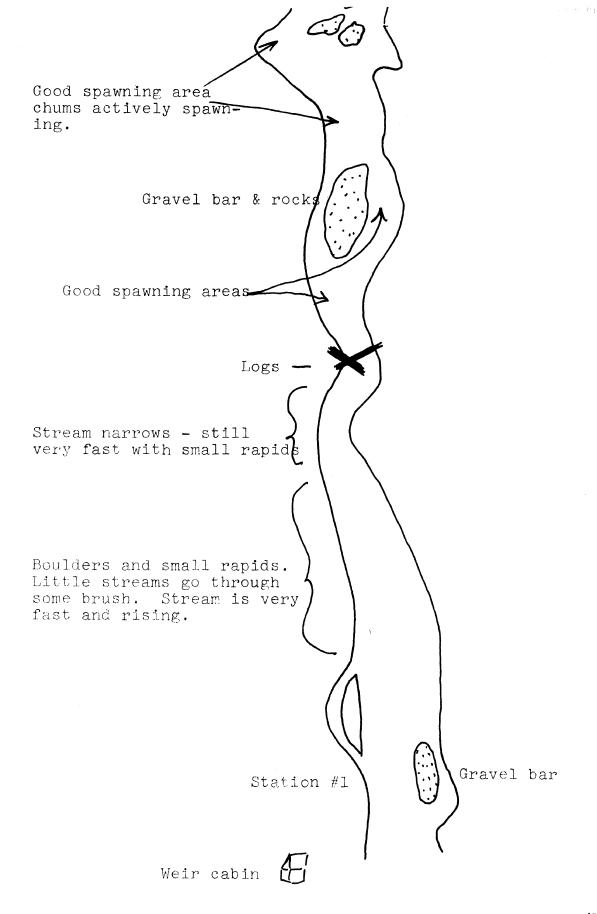
Jam extends up into first part of stream. Stream is about 5' wide and very shallow. About 50 yards upstream there is a log barrier. Stream drains logged area. No fish observed. 1 seal observed.

Available spawning area - 42 ${\rm M}^2$

Disappearance Creek 102-40-43 Westlund - Joyner

13-14,000 chum in stream. Many, many carcasses. Spawning area - 65+%





Mame <u>Disapp</u>	bearance Creek Catalog No. 102-40-43	
Latitude	55° 8' 50" WR No. 134 132° 19' 52" K No. K150 No. Craig - A-1 Work Area	
Longitude	132° 19' 52" K No. K150	
Geodetic Map	No. Craig - A-1 Work Area	
Location Choim	ily. Sd. H. So. Arm. Watershed Length 1.1 miles	5
Drainage Area	nly. Sd. H. So. Arm. Watershed Length 1.1 miles of Watershed 2.08 sq. miles Type Spring fed; note discrepancies in flow measu	
Water Supply	Type Spring fed; note discrepancies in flow measure	ires. B.D.
Trails & Surv	ey Routes Old brushed over trail on left of stream	am, not
in use. na	ira waik up stream bea.	
Aerial Survey	Notes Stream banks brushy - visibility fair to po	or.
Anchorage (Out in bay, good anchorage so. of small island.	
Tide Stage Wh	en Surveyed mid tide - falling	
FISHERY RESOU	RCES	
	Fisheries Chum, pink	
Facanomont	10-10-73 14,000 chum in stream.	
* 11 1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
Species Com	position varies some but predominantly chum.	
Timing La	.te	
Schooling a	reas off mouth of stream in bay and in pools in	upper area
Shellfish P	otential very little - small mud flat on left of	fstream
mouth.		
Sport Fishe	ries none	
	A 15 17 0 A	
Land Use at	Present ADF&G weir site.	
History of	Land Use	
Rehabilitat	ion Potential No work required in stream.	
Soils Stabl	e - banks are low and gently sloped.	
00110		
ad the side has a relation and relative to the control of the side side side of the side o		
GAME RESOURCES		
Bear,	Fish carcasses or bones (old or fresh) on banks, estimate	many
	Number of droppings	many
Geese	Number seen on tide flats	0
	Number seen up creek	0
	Number of broods seen	0
Mallards	Number seen on tide flats	0
	Number seen up creek	2
	Number of broods seen	0
Mergansers -	Number of broods seen	0
Bald Eagles-	Number seen along creek	10
	Number of nests seen and location	0
	Number seen at mouth of stream	1
Tide flats -	Estimate length along beach	150 yds
	Estimate depth out from beach	15
	Eel grass present on what percent of flats	5%

STREAM IN CORY FORM

Name: <u>Disappearance Creek</u> Number: 102-40-43

Observers:
Date: 10-5-73
Temperature:
Weather:

			_		_				1	-				1	1		1
tion No.	г	2	Μ														
1 Sime/Type	3/2	1/2	1/2					·		-							
m-1 C	40. 40.	65° 1"	181						• ,			•					
l Riffle quency	8	. 2	. 2														
tom Type ffle)	7	7	4	•													
or/Turbidity	1/1	1/1	1/1	-	·		·				·						
ocity	2	П	2										-			·	
F.S.)	64.31	73.70	26.16														
p.' (oF.)	440	0 17 17	440														
	. ഹ	5	5			•											
Abundance	0	O,	.O									·	-				-
thos ple Nó.	г	0	0.1								•						
her Plant ss	. 1	Н	Н			<u>-</u>										·	
atic Veg.	m	m	3	•					•								
uent. 1) Mosses 2) Algae	2	2.	2											•			

oral Remarks (rehab., land use, barriers, log jams, etc.):

NAME:

Dîsappearance Creek

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 20, 1939				Poor. Few hundred in stream. Pink off mouth (G)
Oct. 3, 1941	16,000	4,000		Excellent. 5,000 fish off mouth(G)
Sept. 23, 1942	200	1,800		Excellent. 1,500 fish off mouth(G)
Sept 30, 1943	15,000	10,000		Good. 2,000 fish off mouth (G)
Oct 5, 1946	6,000	6,000		Good. 3,000 fish off mouth (G)
Oct. 3, 1947	90,000	10,000	·.	Excellent 150,000 fish off mouth of
Sept. 29, 1948	3,600	3,000		Good, 30,000 fish off mouth (G)
Sept. 30, 1949		20,638		725,000 fish off mouth (G)
Oct. 8, 1949	7,900			Majority of chum dead. 5,000 off mouth (G)
Oct. 6, 1950	625	17,625		10,000 chum off mouth (G)
Sept. 28, 1951		18,600		25,000 chum and over 5,000 pink in bay (G)
Oct. 5, 1952		33, . 7 00		5,000-8,000 chum off mouth (G)
Sept. 25, 1953		35,000		Stream high. 8,000-10,000 at mouth
Oct 7, 1953	4.			(G) 3,000-4,000 chum at mouth (G)
Sept. 28, 1954	er e	9,600		Several pink. 2,000 chum, few pink at mouth (G)
Sept. 15, 1955	·	60,200	•	(G)
Sept. 25, 1955	5,000			Several thousand at mouth (G)
Sept. 29, 1956		13,000		4,000 chum at mouth (G)
Sept. 29 ,1957	.*	12,000		1,500 chum at mouth
Sept. 20, 1958	·	8,000		Some live pink. 5,000 at mouth (A
Sept. 20, 1959		7,500		(G)
Sept. 29, 1960	·	3,500		250 chum at mouth (G)
ept. 20, 1961		5,100		1,000+ - most spawning - well spread (A)

NAME:

Disappearance Creek

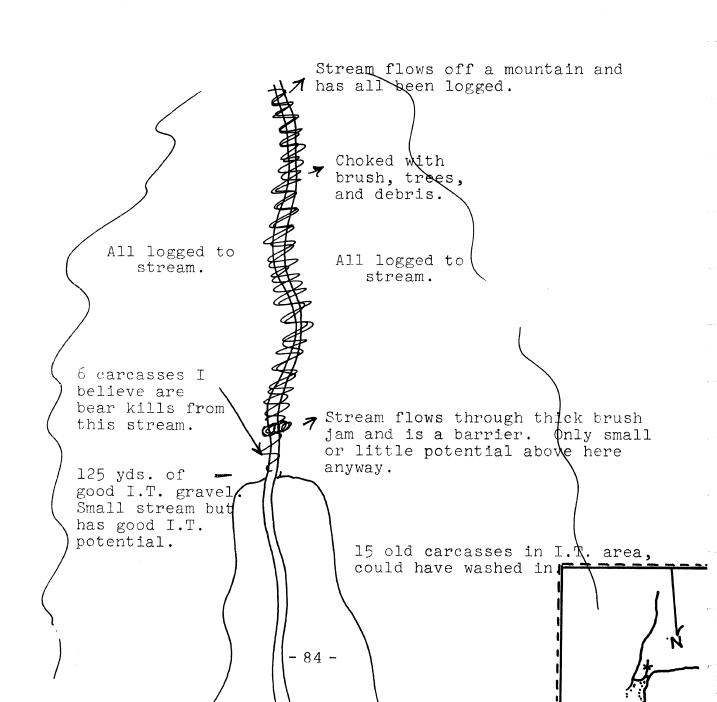
STREAM CATALOG NUMBER:

102-40-43

SIREAM CATALO	JG NUMBER:	102-40-4	3	
DATE	PINK	CHUM	OTHER SPECIES	REMARKS
1961-Weir Count	1,365	20 , 2 85		Total accumulative Weir Count
1962-Weir Count	143	23,799		Total accumulative weir count
Sept. 18, 1963		9,000(We	ir)	2-3,000 chum at the mouth (F)
Sept. 24, 1964				10,000 chums schooled at the mout
Sept.16-Oct.12, 1965	488	25 , 590		(A) Total accumulative Weir Count
Sept.14-Oct.5, 1966	295	25,005		Total accumulative Weir Count
Sept.13-Oct.5, 1967	. 68	24,947		Total accumulative Weir Count
Sept. 18, 1968		7,000	·	12-15,000 fish at mouth and 600 intertidally. Vis. excellent in stream and mouth. Few scattered jumps in South Arm. (A)
Aug.26-Oct. 10, 1969	1,169	12,411		Total accumulative Meir Count
Sept.9-Sept.30 .970	86	8,373		Total accumulative Weir Count
ept.15-0ct.14, 971	445	2,186		Total Accumulative Weir Count
ept.12-0ct.17, .972	1,829	63,752		Total Accumulative Weir Count
Sept. 6-Oct.18,	3,102	55 ,3 06		Total Accumulative Weir Count
Sept.10-Oct.8,	374	43,024		Total Accumulative Weir Count
			- 83 -	

#206 So. Arm, Cholmondeley Sd. 10-5-73 102-40-46

Small stream not shown on the topographical charts. Even though this is a small stream it does have very good intertidal possibilities.



			· · · · · · · · · · · · · · · · · · ·	
Na.me		Catalog No	102-40-46	
Latitude N	55° 07' 52"	WR No.		and the statement of th
Longitude W	55° 07' 52" 132° 21' 20" No. Craig A-2	K No.		-
Geodetic Map	No. Craig A-2	Work Area Ke	etchikan	
TOCALTON CHOT	monderey - SO. Arm	_ Watershed Lengt	tn	
Drainage Area	of Watershed		ohlw annings	<u> </u>
water Supply	Type Precipitation -	- runoll and propa	anty spirings.	
Trails & Surv	ey Routes No trai	ls - Stream is ch	oked with logg	ing
م ماسوره في معالم الم	harra the high tide	lino	-	
Aerial Survey	Notes Could surv	vey the intertida	<u>l zone o.k. bu</u>	t so much
dehrie in the	unner stream. Voll (couln't even see .	anv water.	
Anchorage Of	of the mouth of Diss	appearance Creek,	or south of s	maii island
lying between	Dissappearance Cree	ek and stream #10	2-40-41	A CONTRACTOR OF THE PARTY OF TH
Tide Stage Wn	en Surveyed Low tid	ue.	and the second s	
FISHERY RESOU		`.	•	
Commercial	Fisheries None re	corded		golanni i tara da Mariana Malla dhakaka ka sana sa aka dhaka dha sana s
Escapement	6 chum on 10-5-73		,	
	Available	spawning area - 209	м ²	
Species Com	position 100% chur	m		
Timing I	Late			·
Schooling a	reas <u>Off</u> the mou	th		
Challen D	otential Limited	to alams in the	intertidal are	2
Shellish P	ocencial <u>Himited</u>	to crains in the	Inderorate are	
Sport Fishe	ries None			
-				
Land Use at	Present None			and the specimen of the specim
History of	Land Use Thi	s stream has been	logged to its	banks.
Rehabilitat	ion Potential None	. Intertidal are	a is o.k. even	though
the upper st	tream is choked with	logging debris i	t doesn't nave	e much anyway
	d to tell as you can			
high tide I	ine. Steep gradient	upstream and cou	.ld be some slu	impage.
GAME RESOURCES			•	
Bear was also consisted non-secon term	Fish carcasses or bone	s (old or fresh) on	banks, estimate	3-4
	Number of droppings		•	few
Geese	Number seen on tide fla	ats		0
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide fla	ats		0
	Number seen up creek	•		0
T) (f	Number of broods seen			0
	Number of broods seen	1,-		
para ragies-	Number seen along cree Number of nests seen a			0
	Number of Hests seem a Number seen at mouth o			<u> </u>
	Estimate length along			small flats
TIME 11000 -	Estimate depth out fro			DIIIULL ILAUS
	Eel grass present on w			
	(1		

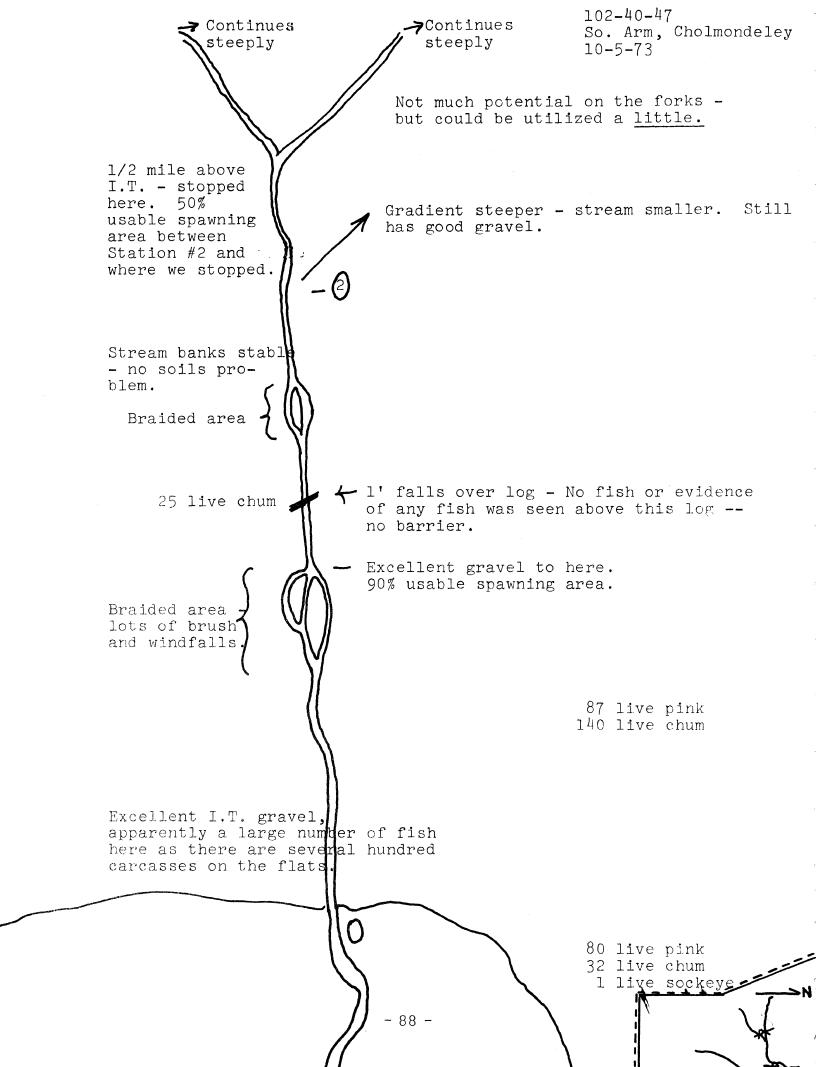
ers: Downey, Smith 1055273 ature:																
5 12 6							·									
Obser Date: Tempei Weath																
E												·				
INVENTORY FORM																is, etc.):
STREAM IN Name:																s, log jams,
																barriers,
																land use,
	r-I	2/2	.≥ α	, m	7	-	, 5	2.883	077	0.9	1	ı	П	2	N	(rehab.,
	on No.	ol Size/Type	ffle Type dth - Depth	ol Riffle equency	ttom Type	lor/Turbidity	144	(V II C)	(性の) 一 に ()		Abundance	nthos mple No.	r Plant		Ident. (1) Mosses (2) Algae	ХS
	ation	01	ffl dth	ol I	ttor iff	101	1001) -) - -	86 -	o Carrie	V A		gher	uat	1de (1) (2)	neral

Opt. Esc. 418 (8'W, 375'L, 75% ASA)

NAME:

Cholmondeley

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 26, 1966	50	450		Carcasses present (F)
Aug. 26, 1968			·	300 fish at mouth. Vis. good (A)
Aug. 28, 1969	N.O.			(F)
Aug. 26, 1970				7 schools at end of West Arm (10,000) Vis. good (A)
Aug. 26, 1971		•		2,000 fish intertidally (A)
Oct. 8, 1971	425	100		(F)
Aug. 30, 1972				5,000 chum (?) intertidally. Vis fair (A)
			- 87 -	·



	1			
Name	Cat	nlog Mc		
Latitude	55° 07' 52" WR K N	alog No.	102-40-47	
Longitude L	1 1556 511 5511 K M	No.		
Geodetic Man	No. <u>Craig A-2</u> Wor	k Area K-4-1-1		
TOUCH TICE	110 , UTAIR H-Z	k Area <u>Ketchikan</u> ershed Length		
Drainage Area	of Watershed	CIBICA Deligon_		
Water Supply	Type Presinitation west	and machaliles	C - 01 7 7 7	•
S.E. corner of	Type <u>Precipitation - runoff</u>	and probably sprin	igs. Snowfield I	les in
Trails & Surv	the valley. ey Routes No trails - tra	vel is easy along t	the stream bed.	
	Notes It would be difficu			
que to the over	story along the stream.			
Anchorage Of	f the mouth of Dissappearance	Creek, or south of	small island lvir	าย
between Dissapp	earance and this stream.			
Tide Stage Wh	en Surveyed <u>1/3 tide and</u>	flooding.		
FISHERY RESOU				***************************************
		(: a] a a a a a a a a a a a a a a a a a a	\	
Commercial	Fisheries <u>pink and chum</u>	(arso saw r socke)	<u>e) </u>	
Escapement	80,000 pink and 20,000 chum	10-3-47 : 50,000 ch	um 10-1-59	
Available sp	awning area - 1,756 M ²	<u> </u>	<u> </u>	-
Species Com	position Predominantly pin	salmon in the ear	lier vears but ha	as now
switched to p	roduce more chum than pink salr	non.		LO TION
Timing Late	•			
Schooling a	reas Off the mouth and a co	ouple of holes in t	he intertidal are	а
	otential Not much being lir			
	Not made being in	moed to a lew Clam	s in the intertio	area
Sport Fishe	ries <u>None</u>			
Land Use at	Present None			-
History of	Land Use None			
HIBUOLY OI	nana ose wone	har sentemble to trade the contract majority and a section of the contract of	Marketti kalifi dan manayan kana di karamata dan kadi kata dan dan dan dan dan dan dan dan dan da	************
Rehabilitat	ion Potential None. Very	good stream with a	Carrow Pool Mar	NT
barriers to the	ne upper limits of good spawnir	good stream wrth v	era good graver.	_No
Soils	Slight gradient with good timbe	er along portions of	f the streem and	atoble
stream banks.	G- G	T GTOTIS DOT OTOTIS O	i die stream and	Scaute
GAME RESOURCES				
	This also source are as a large (7.1		, , ,	
1xal.	Fish carcasses or bones (old	or iresh) on banks	, estimate many	old
Geese	Number of droppings		SO	
UCC56	Number seen on tide flats			0
	Number seen up creek			0
Mollowda	Number of broods seen			0
Mallards	Number seen on tide flats		***************************************	0
	Number seen up creek			0
Mercangona	Number of broods seen		And the second s	0
	Number of broods seen			0
Bald Eagles-	Number seen along creek Number of nests seen and loca	tion		0
Saala	Number of nests seen and foca Number seen at mouth of strea			0
		111		2
TENE TENES -	Estimate length along beach			yards
	Estimate depth out from beach			yards
	Eel grass present on what per	cent of ilats		

STREAM INVENTORY FORM

Name: Number: 102-40-47

Downey, 1-5-73	C TOMOTTO
Observers: Date: 10-5- Temperature: Weather: Ove	١

	Annual Property and	No. of Concession, Name of Street, or other Persons, Name of Street, or other Persons, Name of Street, Original Street, Origi	- Property of the last of the	The state of the s	- The state of the		-			-	A	 	 -
tation No.	Н	2				-							
ool Size/Type .	3/5	2/2					,						
iffle Type idth - Depth	M 22 1	M 13°											
ool Riffle requency	3,	3						·	- 44				
ottom Type Riffle)	7	4											
olor/Turbidity	1	ı,											
elocity	2	2		·									
low (C.F.S.)	14.4	1											
0 emp. (°F.)	0 17 17	440											,
· H	5.0	5.0											
ry Abundance	1	l				: : :::							
enthos ample No.	I	ľ											
igher Plant lass	П	Н											upopin trig
<pre>guatic Veg. ensity Ident. (1) Mosses (2) Algae</pre>	3	3 2	and the second s										
							-						

eneral Remarks (rehab., land use, barriers, log jams, etc.):

NAME:

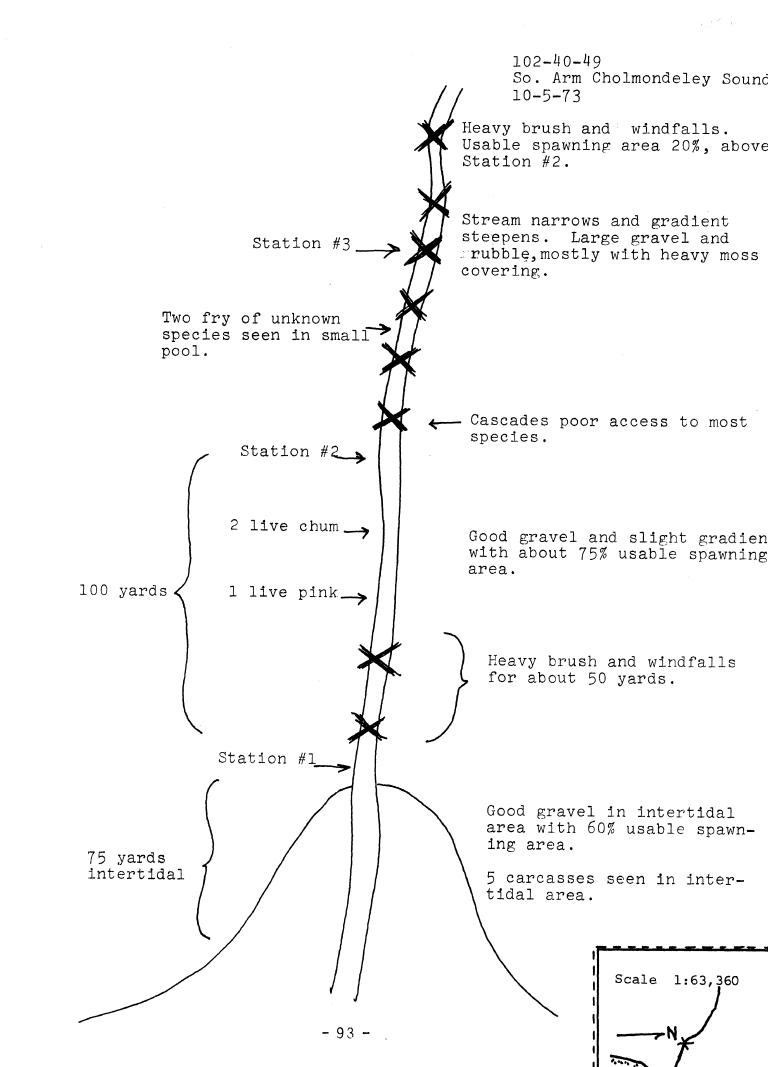
Cholmondeley Sound, South Arm, S.W. head

DATE	PINK	CHUM	OTHER SPECIES	RE M ARKS
Sept. 20, 1939		y .		Poor. Few hundred in stream. Pink schooled in bay.
Oct. 3, 1941	12,000	3,000		Excellent (G)
Sept. 23, 1942	200	2,300		Excellent. 3,000 fish off mouth (G)
Sept. 30, 1943	10,000	5,000	·	Fair. 1,000 fish off mouth (G)
Oct. 5, 1946	2,500			Good. 1,000 fish off mouth (G)
Oct. 3, 1947	80,000	20,000		Good. 10,000 fish off mouth (G)
Sept. 29, 1948	2,000	3,000		Good. 1,500 fish off mouth (G)
Oct. 8, 1949	1,000	1,000		No fish off mouth (G)
Sept. 20, 1952	0	100		200 chum at mouth (G)
Sept. 18, 1953		1,500		Stream 3-6" above normal. Dead predator kills (G)
Sept. 4, 7050				Stream low (A)
Oct. 1, 1999		50,000		(G)
Sept. 6, 1960				None at mouth (A)
Sept. 16	r (fed)	80		300 fish intertidally. Vis. good (F)
Oct. 11, 45 79	\$ 77.3 \$ 7.5	85		400 dead pink, 400 dead chum (F)
Aug. 19, 30 3	N. 340 Q			15,000 fish intertidally. Vis. good. (H)
Sept. 5, 3	The second of the second			Vis. poor (A)
			,	
2. 10		S C C C C C C C C C C C C C C C C C C C	- 91 -	

102-40-48 South Arm Cholmondeley Sound Downey, Smith 10-5-73

N 55° 10' 08" W 132° 21' 21"

<u>Very small</u> stream flowing off a mountain through a logged area. Extremely poor potential - probably none.



Name		Catalog No.	102-40-49	
Latitude	N 55° 11' 49" W 132° 20' 37" No. Craig A-2	WR No.		
Longitude	W 132° 20' 37"	K No.		:
Geodetic Map	No. Craig A-2	Work Area Ket	chikan	
Location Cho	lmondeley - So. Arm	Watershed Length		
Drainage Area	of Watershed	· · · · · · · · · · · · · · · · · · ·		
Water Supply	Type Precipitation a	nd runoff, probabl	y springs als	
Trails & Surv	ey Routes <u>Difficult</u>	walking - walk up	the stream.	ayadan na kakasa asalanna na sabahna asalan asa Bayayan sambanda ang asalan asalan asalan asalan asalan asalan asalan asalan asalan sabahna asalan sabahna asa
	Notes Too small w	ith too much overs	tory to surve	Y.
above the inte	ertidal zone.			
Anchorage	Off the mouth of I	<u>issappearance Cree</u>	k, or south o	f small
island lying l	oetween Dissappearance	e Creek and Stream	# 102-40-47	
Tide Stage Wh	en Surveyed <u>3/4</u> t	ide and flooding.		and the second s
FISHERY RESOU				
Commercial	Fisheries Pink an	d chum		
•				
Escapement	No past escapement le spawning area - 702 M	data: 7 chum and	1 pink 10-5-	.73
Availab	le spawning area - 702 lv	i A of minis		
Species Com	position 90% chum,	10% PIIIK		
Timing La	T.E.			
Schooling a	reas Off the mout	h and a couple of	pools above t	he IT. area
00110022110			<u> </u>	and a second space of the second space of the second
Shellfish P	otential Almost ze	ro - verv rocky in	tertidal zone	
Sport Fishe	ries None			
minimal region as rid in a support of Management again recognitive fields are assent. We be religioned		والمستوانة والمستوانة والمستوانة والمستوانة والمستوانة والمستوان والمستوانة والمستوانة والمستوانة والمستوانة		
	Present One smal			
	uth side of the stream		ove the I.T.	zone.
miscory or	Land Use None			
Rehabilitat	ion Potential None.	Don't helieve the	ne is too muc	h fighery
notential h	ere (although these i	s some) Small st	ream with ste	en gradient
	ove I.T.		_backlillaVV.ab.lilah.lila.	Magazia III
	y pretty good and sta	ble - stream banks	are stable.	
CAME RESOURCES				
Poon	Fish carcasses or bones	(old on fresh) on her	olka : oatsimato	0
De Cart.	Number of droppings	(ord or riegh) on par	mb, escribble	0
GODEO	Number of an oppings Number seen on tide fla	ts		
30000	Number seen up creek		•••	0
	Number of broods seen		****	0
Mallards	Number seen on tide fla	ts		0
	Number seen up creek		-	0
	Number of broods seen			0
-	Number of broods seen			0
Bald Eagles-	Number seen along creek			0
	Number of nests seen ar			0
	Number seen at mouth of		-	т Т
Tide flats -	Estimate length along b			30 yds.
	Estimate depth out from		•	10 yds.
	Eel grass present on wh	at percent of flats	_	

STREAM INVENTORY FORM

Name: Number: 102-40-49

Overcast - showers Observers: Downey, Smith Date: 10-5-73
Temperature:
Weather: Overcast - showe

ation No.	The second secon		(*))	Mary - a regis	Charles of the second	Manuscraft and American Communication Communication Communication Communication Communication Communication Co	Marie W. P. C. State and P.	edicinates and the suggested					
ol Size/Type	3/8	:M			Mite Arthur Conneceded and Arthur Conneceded	eensamilia vaste on store	706686C (vin er ve-urba	and the same of th					
ffle Type 1th - Depth	53 ON		js Ö		ant Andreas a sign special processing and Andreas a sign special processing and a sign special processing a sign special processing and a sign special processing a sign special processing and a sign special processin	ettertoren an vikine		er t i Talle de plateren para de la seña a en					
ol Riffle equency	(Y)	m	(Y)	was the most product and account of	reac year I Maria at Palace, an amegate the con-	- TO TO THE STATE OF THE STATE	NATIONAL PROPERTY AND ADMINISTRATION OF THE PARTY AND ADMINIST						
tom Type [fle)	7	7	4										
or/Turbidity	Н	П											
ocity	, . (7	2	2										
W (C. F. S.)	9.52	ı	ı										
o.∀°) '.di	044	044	440						-				
	6.0	0.9	0.9										
Abundance	0	Ф	2-8										
thos ple Nó.	ı	ı	ı										
her Plant ss	N	1/2	2										
atic Veg. sity dent. 1) Mosses 2) Algae	7 / 2	3	3										

eral Remarks (rehab., land use, barriers, log jams, etc.):

Water level normal. Tide - 1st 1/4 of flood

102-40-50 South Arm Cholmondeley Sound Downey, Smith 10-5-73

N 55° 12' 43" W 132° 19' 18"

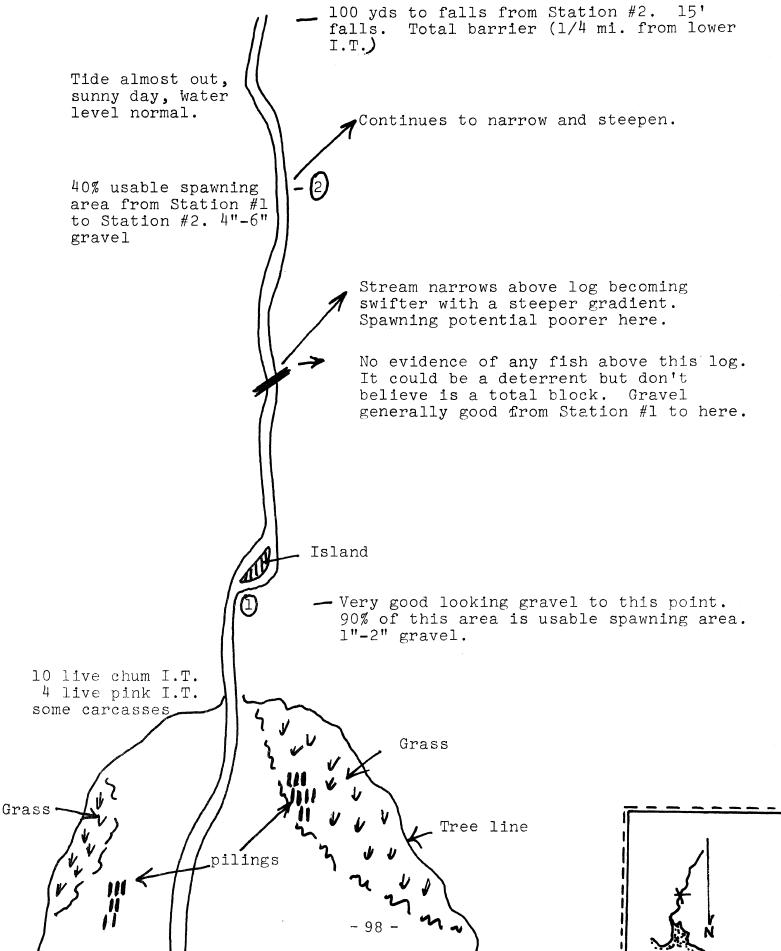
This is a very small creek with a falls off the mouth and no intertidal area. No potential.

102-40-51 South Arm Cholmondeley Sound Downey, Smith 10-5-73

N 550 14 07" W 132 17' 58"

This is a very small stream with very poor potential. Twenty-five yards of poor intertidal area has a 3' falls at the tide line which creates a block except at very high tides. Steep gradient about intertidal area.

The most and best spawning area on the stream is the intertidal area to its upper limits. Cannery Creek 102-40-52 W. Arm Cholmondeley Sound 10-5-73



Name Canner	y Creek	Catalog No.	102-40-52	
Latitude N	55° 14' 37"	WR No.		
Longitude W	132° 19' 30"	K No. 152	Annual and the second of the s	
Geodetic Map	y Creek 55° 14' 37" 132° 19' 30" No. Craig A-1	Work Area Ket	chikan	
Location Uno	imondeley - west Arm	Watershed Leng	tth	
Drainage Area	of Watershed			`\
Water Supply	of Watershed Type Precipitation	- runoff and pro	bably springs	
Trails & Surv	ey Routes No trails	s - walk up the c	enter of the	stream.
Aerial Survey	Notes Should be su	urveyed via helic	opter with th	e exception
of the	intertidal zone:			
Anchorage	Off the mouth of Lago	oon Creek.		
Tide Stage Wh	en Surveyed 1/3 a	and ebbing.		
FISHERY RESOU				
	Fisheries Pink a	and chum		
oommor ordr			Manne use en a militar ministra madriffe monteus salesta Milicantinus, a apragancina	
Escapement_	4,500 pink and 1,500	chum on 9-26-45		en anter es un estar actual, no enga actual es un esta esta esta esta esta esta esta esta
Availabl	e spawning area - 2,913	M^2		
Species Com	position <u>75% pink a</u>	and 25% chum		
Timing L	0.50			
	reas Off the mouth	,		
Shellfish P	otential Probably	good for clams -	large tide a	nd mud flats.
	and the second s		•	
Sport Fishe	ries Unknown = prob	ably none		
Tand Nea at	Present None			TO STOP MANAGEMENT TO A TO
mand use at	Tresent None			
History of	Land Use None	,		
			3 771 • 3	
Kenabilitat	ion Potential Proba	ably none. Barri	er 1/4 mile a	bove 1.T.
Soils	ream narrows and beco		he extreme up	
	banks are stable to	the falls.	iic exoreme ap	per r.r.
er de elle de son de la la manuelle de la manuelle de la manuel de la constitución de l	enteres de la companya del companya de la companya del companya de la companya del la companya de la companya d			
GAME RESOURCES				
Bear	Fish carcasses or bones	(old or fresh) on 1	banks estimate	a few
	Number of droppings	(0.20 01 110011) 011 1	James, Goodhage	some - 1 bear
Geese	• • •	ts		0
	Number seen up creek		•	0
	Number of broods seen			0
Mallards		ts		0
	Number seen up creek			0
Manan newsee	Number of broods seen			0
Mergansers — Bald Hagiles—		•		0 .
rand nagarab	Number of nests seen an	nd location		<u>0</u>
Seals	Number seen at mouth of			0
	Estimate length along b			200 yards
	Estimate depth out from			10 yards
	Eel grass present on wh			_

STREAM INVENTORY FORM

Name: Cannery Creek Number: 102-40-52

Observers: Downey, Smith Date: 10-5-73

Temperature:
Weather: Overcast - showers

tation No.	r-l	CJ	North State of State											
ool Size/Type .	2/2	1/1												
iffle Type idth - Depth	W 401	W 16.5'							-					
ool Riffle requency	, S	3												
ottom Type Riffle)	4	7												
olor/Turbidity	гH	Н												
slocity	. 2	2												
Low (C.F.S.)	26.75	-												
emp (°F°)	42°	024												
	5.5	5.5				-								
y Abundance	ı	I												
enthos Ample Nó.	I	ı												
gher Plant ass	2	r-4												
<pre>luatic Veg. insity Ident. (1) Mosses</pre>	2 3	3												
(Z) Algae					1	-	-	-	-	-	_	_	-	

neral Remarks (rehab., land use, barriers, log jams, etc.):

NAME: Cannery Creek

DATE	PINK	СНИМ	OTHER SPECIES	REMARKS
Sept. 30, 1930		·		Stream at flood. Good indications of a good run
Sept. 24, 1940	4,000	-		Good (G)
Oct. 3, 1941	4,000	•		Excellent. 1,500 fish off mouth(G)+
Sept. 23, 1942	500	. 2,500		Fair. 3,000 fish at mouth (G)
Sept. 26, 1945	4,500	1,500 .		Excellent. 10,000 fish at mouth(G)
Oct. 5, 1947				Good pink, chum escapement (G)
Sept. 29, 1948	2,000	2,000	4°	Excellent. 2,000 fish at mouth
Sept 12, 1952				No fish present (G)
Sept. 10, 1953	200	450		Poor to fair. About 300 salt water, 95% fresh (G)
Sept. 17, 1957		250		800 chum at mouth
Oct. 11, 1961		75		All spawning (G)
Sept. 6, 1962	Control of the Contro			100 fish at the mouth (A)
Sept. 18, 1963	Characteristics and the control of t			7 pink and 9 chum at mouth. Vis. good (F)
Sept. 16, 1965	Management of the control of the con			150 pink and 100 chum present intertidally. Stream almost dry(A)
Sept. 7, 1966	e de de la company de la compa			300 fish intertidally (A)
Aug. 20, 1970	4,000			Vis. fair (A)
Aug. 26, 1971	No. of the Control of			2,000 fish intertidally (A)
Aug. 29, 1972				3,000 fish intertidally. Vis. good (A)
Aug. 12, 1973				6-7,000 fish intertidally. Vis. good (A)
Aug. 28, 1974	3,	000		Vis. excellent (A)
			- 101 -	

Tom Creek 102-40-57 Downey, 1974

As our original data has been misplaced, I'm pulling the following data for Tom Creek out of my head as I can recall it.

I recall this stream fairly well as it has a rocky I.T. zone and just above the I.T. zone the stream steepens rapidly and is composed mostly of pools and bedrock. The stream is fair in size (30 ft. wide above I.T.) with moderate flow. Due to its steepness it would have access for salmon for only about 100 yards above the I.T. zone.

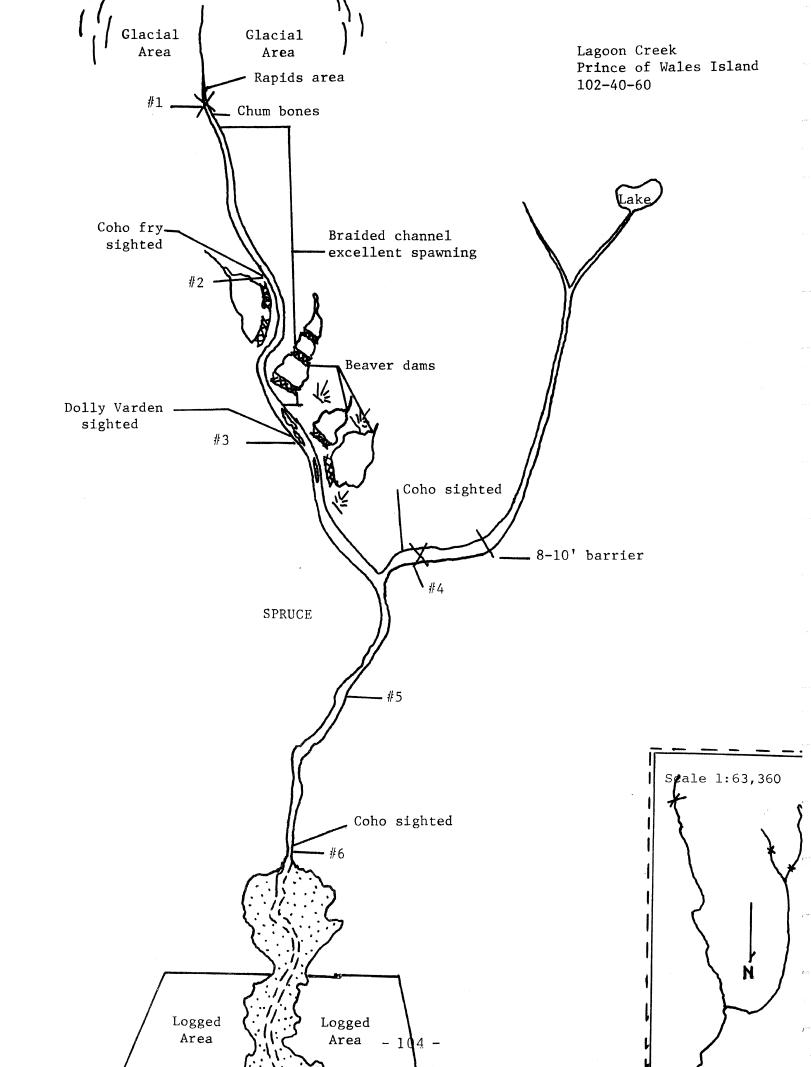
With this limited access and little spawning potential the old escapement figures of 50-100,000 fish are very confusing to me.

This is a steep valley so stream bank slumping could be a real problem. I can't recall the timber potential of this area.

NAME:

Tom Creek

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Oct. 6, 1937	75,000	25,000		Very good. Several thousand at mouth (G)
Sept. 24, 1940	50,000			Excellent (G)
Oct. 3, 1941	100,000	15,000		Excellent. 10,000 at mouth (G)
Sept 22, 1942	35,000	25,000		Excellent. 40,000 at mouth (G)
Sept 26, 1945	15,000	35,000		Excellent. 20,000 at mouth (G)
Sept 29, 1948	1.00	250	:	Excellent. 1,000 fish off mouth(G)
AL THE PARTY OF TH				
A CONTRACTOR OF THE CONTRACTOR				
Type of the state		Trade and the state of the stat		
			-	
			- 103 -	



Name Tages Co	-1- Cat	alog No to to	
Name <u>Lagoon Cre</u> Latitude N. 5	ek	alog No. <u>102-40-</u> No.	50
Longitude w. 13	2° 23' 46" K N		nor 136)
Geodetic Map 1	2° 23' 46" K N O. <u>Graig - A-2</u> Wor	k Area Ketchikan	the day and the few sections are a section to the section of the s
Location Cholmo	ndelev Sound Wat	ershed Length 28	miles
Drainage Area	of Watershed 6.88 sq. mil	es	
Water Supply !	ype Small glacial field - 1	unoff and springs; sr	mall lake on right
fork at head.	D		
rrails & Surve	y Routes Walk east side of h	ay if at high tide.	Walk near or in
	. Relatively easy walking. Notes Water colorless but by	enided channels, alider	arambanda abannol
in upper 1/4 por	tion of stream.	arded Channers; arder	. Overnands Channer
Anchorage Off	mouth and between island in 10	-15 fathoms. For big	ger boat type -
good anchorage.			
Tide Stage Who	en Surveyed 2nd half ebb		
FISHERY RESOU	RCES		·
	Fisheries Pink, chum and co	oho	
		Announce Announce in the contract of the contr	
Escapement	1972 – 1965 – average peak esc	apement pink and chur	1 - 15,000,
	nt 500 (1972). Available spav		12
Species Com	position Chum and pink 95%,	coho 5%.	
Miming Into	for obums (Cont. and Batcher)	mining Contombon	
	for chums (Sept. and October)		
beliourning a.	eas off modell of bay between	ii Island and moden.	
Shellfish P	otential Dungeness crabs off	mouth of bay. Entir	e bay area high clam
producer, shr	imp in West Arm.		
Sport Fishe	ries Dolly Varden, coho, cut	throat.	
	Present None; but Cholmonde	ley scheduled for 7 i	ndependent sales -
	y under I.D.T. study. Land Use Both sides bay have	heen looged within 1	act 15 years
11110001 y 01	Dolla Blace Day Have	been logged within 1	ast 15 years.
Rehabilitat	lon Potential None necessar	y if watershed is not	logged.
Soils Stabl	e except in h <mark>eadwaters area w</mark> h	ere slides from ridge	have swept to
stream - main	stream. "		
GAME RESOURCES			
Bear	Fish carcasses or bones (old	or fresh) on banks.	estimate 100
	Number of droppings	,	0
Geese www.	Number seen on tide flats		10
	Number seen up creek		2
e e e e e e e e e e e e e e e e e e e	Number of broods seen		0
Mallards	Number seen on tide flats	•	25
	Number seen up creek		0
Vancansare	Number of broods seen Number of broods seen		0
•••	Number of broods , seen Number seen along cre ek		0
a se de la desta d	Number of nests seen and loca	ation	0
Seals	Number seen at mouth of stream		. 0
	Estimate length along beach		1/4 mil
	Estimate depth out from beach		15 feet
	Bel grass present on what per	reent of flats mouth	Z 5%

rak, Downey	Partly cloudy																
Observers: Novak, Downey	Temperature: Weather: Par	Ш															
ΣI	1							·									
INVEN ? FORM	Lagoon Creek	-			Λ								01				
STREAM INVEN	Name:	1	5 6	2/1 1/1	40'W 42'W .9'D 1'D	2 3	4 4	1	2 2		39° 39°	9 9	- 1coho	# 5	1 1	3	
	nterwole	IICLI VALS	4	2/1	34'W .6'D	2	4	П	2		39°	9	1coho		Ţ	3	
	i sulling i	Varning	2 3	2/1 2/1	31'W 37'W .5'D .7'D	.2	4	Н	2		40° 40°	9	1coho 2D.V. 1D.V.		1	3	
	15 min walking interwale			2/1	51'W 3	3	4 4	1	2 2		40° 4(9 9	1coho - 1D.V.	#1	1 1	3 3	-
		•	Station No.	Pool Size/Type	Riffle Type Width-Depth	Pool Riffle Frequency	Bottom Type (Riffle)	Color/Turbidity	Velocity	Flow (C.F.S.)	Temp. (°F.)	Hď	Fry Abundance	Benthos Sample No.	Higher Plant Class	Aquatic Veg. Density	Idelic.

1 Flow (C.F.S.)
9 Temp. (°F.)

General Remarks (rehab., land use, barriers, log jams, etc.):

Timber potential good but recommend no harvest due to little availability. No rehab, potential, as beaver are off main

PEAK ESCAPEMENT RECORD

NAME: Lagoon Creek

STREAM CATALOG NUMBER: 102-40-60

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Season, 1935				Poor escapement
Season, 1936				Good escapement
Season, 1937				Poor escapement
Season, 1938				Good escapement
Sept. 20, 1939				5,000 in stream. Several schools at mouth
Oct. 5, 1946	13,000	12,000		Good. 5,000 fish in bay (G)
Oct. 5, 1947				Many chum în bay. Good escapement of chum and pink. (G)
Sept. 29, 1948	7,450		315 coho, 16 red	Good, 30,000 off mouth (G)
Oct. 5, 1948		20,000		Good (G)
Sept. 27, 1950				Estimated 5,000 fish, presumably chum (A)
Sept. 20, 1951	3 , 700		Some coho, 2 red	,
Sept. 28, 1951		3,700		(G) Few dead pink. Poor visibility. Water rising rapidly. Poor count
Oct. 5, 1952	75	5 ,70 0	150 coho	Few dead pink (G)
Sept. 25, 1953	1,500	8,000		1,500 fish in lagoon (G)
Oct. 7, 1953.		·	350 coho, 1 red	2,000-4,000 at mouth (G)
Sept. 24, 1954	2,00	3,100		(G)
Sept. 26, 1955	10,000	10,000		
Sept. 29, 1956	13,000	>2,000		Some dead chum, pink. 20,000 chum at mouth. 10,000 chum above marker
Sept. 15, 1957	200			715,000 chum at mouth (A)
Sept. 29, 1957		16,000		2,000 at mouth
Sept. 7, 1958	200			Good visiblity. 200 schooled off mouth (A)
Sept. 20, 1958		4,600		8,000-10,000 schooled at mouth (A)
Aug. 18, 1961	20		- 107 -	50 at mouth - water low(A)
Sept. 20, 1961		3,200	107	1,000 at mouth - fish well anread

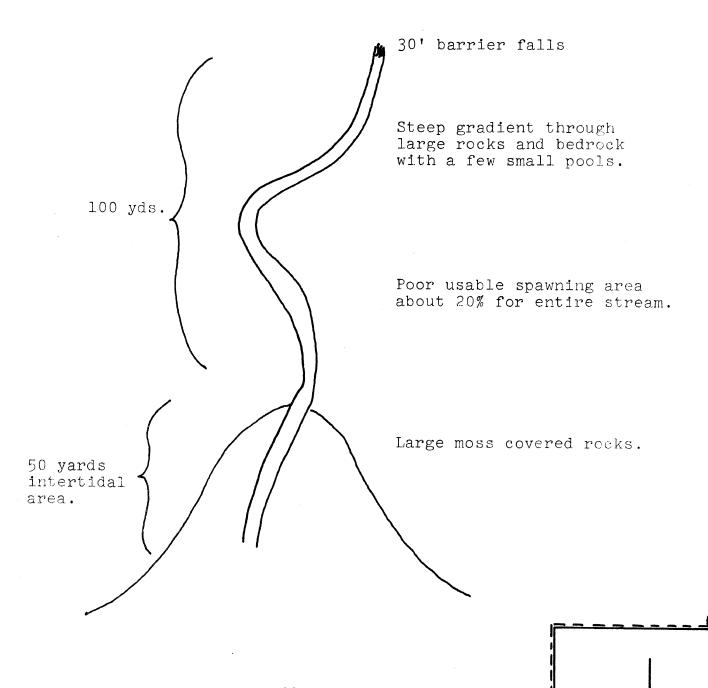
PEAK ESCAPEMENT RECORD

NAME: Lagoon Creek

STREAM CATALOG NUMBER:

102-40-60

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Oct. 6, 1961		3,100		: 1,500 salmon at the mouth (A)
Oct. 4, 1962	2,700	4,200	300 coho	(F)
Aug. 29, 1963	10,4	00		Nothing intertidally (A)
Sept. 24, 1964	5,3	00		Vis. fair. 5,000 fish were present intertidally (A)
Sept. 13, 1965	1,8	00		1,500 fish intertidally. Vis. good. Beaver dams (A)
Sept. 7, 1966	5,700			ll,200-13,200 fish intertidally Vis. good to fair (A)
Sept. 12, 1966		400		15,300 fish intertidally. Vis. fair but excellent at stream mout (A)
Sept. 19, 1967	1,060		10 coho	Vis. good (F)
Oct. 2, 1967		2,900		700 fish intertidally. Vis. good (A)
Sept. 18, 1968	13,000	2,000		Good show of jumps at mouth (A)
Sept. 3, 1969	5,000			6,000 fish intertidally. Some dogs (F)
Sept. 8, 1970	6,000			8,000 fish intertidally (H)
Aug. 14, 1971	49,0	00		Good showing off mouth. Vis. poor (A)
Sept. 5, 1972	22,8	00		Vis. good (H)
Aug. 29, 1973	25,0	po		Vis. fair (A)
Sept. 5, 1974	23,000			Vis. poor (A)
oct. 4, 1974		12,000	100 coho	Good distribution (F)
			- 108 -	



Name Tom Cre	eek N 55° 15' 12" N 132° 26' 15" No. Craig B-2 Lmondeley - West Arm of Watershed Type Precipitation - r	Catalog No.	102-40-67	
Latitude 1	V 55° 15' 12"	WR No.		
Longitude V	V 132° 26' 15"	K No. 153		-
Geodetic Man	No. Craig B-2	Work Area Ketch	ikan	
Location Cho	mondeley - West Arm	Watershed Lengt	· h	rudrasums or units difficult acceptatosymmythistocosticus, quar
Drainage Area	of Watershed	mader bridge Election	1 1 1	authadebuser (Manacade au inn Massagathichus enssess
Water Supply	Type <u>Precipitation - r</u>	unoff and probably	springs - also h	as glacial
origin.	ey Routes No trails			
Trails & Surv	ey Routes <u>No trails</u>	 Difficult walking 	- walk up the c	enter of
stream size	Notes Would be difficand overstory.	uit to survey from	the air due to s	mall
	ond overstory. Off the mouth of Lagoon C	reek	- Agranda	
Tide Stage Wh	en Surveyed <u>1/2 tid</u>	e and flooding.		
FISHERY RESOU	RCES			
Commercial	Fisheries Pink and c	hum		
		dan Mata Mata ana ang ang ang ang ang ang ang ang an		
Escapement_	100,000 pink and 15,000	chum 10-3-41: 15.0	00 pink and 35.0	00 chum
9-26-45: 100	pink and 250 chum 9-29-48	 Available spawn 	<u>ing area - 125 N</u>	<u>1</u> 2
Species Com	position Predominantl	y pinks in earlier	years but swung	around to
	e chums by the mid-late 4	U'S.		
Timing Lat	reas Off the mouth and	moole in the state		
octioottile a	reas or the mountain	poors in the stream	Π.	
Shellfish P	otential Almost zero	- very rocky inter	tidal.	
Sport Fishe	ries None			
7	Mono		and has produced the same of the same to the same produced and same and the same and the same and the same and	
Land Use at	Present None			
History of	Land Use None			
	AND AND THE RESIDENCE OF THE PROPERTY OF THE P	· · · · · · · · · · · · · · · · · · ·		,
Rehabilitat small stream.	ion Potential None, 1	parrier falls .2 mi	le upstream — al	so is very
	p gradient - could be slu	mage problem		
	p Bracetor coura be brain	npage problem.		
خان الانجامية الانجامية في المنظمة الله المنظمة الله المنظمة الله المنظمة المنظمة المنظمة المنظمة المنظمة المن المنظمة المنظمة				-
GAME RESOURCES				
Rear to see the second second	Fish carcasses or bones	(old on freeh) on h	onles satimata	
	Number of droppings	(ord or itepit) ou p	arks, estimate	0
Geese	Number seen on tide flat	Q		0
	Number seen up creek	2	•	0
	Number of broods seen			0
Mallards	Number seen on tide flat	S		0
	Number seen up creek			0
	Number of broods seen			0
Vergansers -	Number of broods seen			0
	Number seen along creek			0
	Number of nests seen and	location		0
Seals	Number seen at mouth of			0
	Estimate length along be			about zero
	Estimate depth out from			-
	Fel prass opesent on wha			

STREAM INVENTORY FORM

Name: Number: 102-40-67

F)

Observers: Downey, Smith
Date: 10-5-73
Temperature:
Weather: Overcast - showers

tation No.	H	:					·				
ool Size/Type	1/1	:				!					
iffle Type idth - Depth	W 15'										
ool Riffle equency	, ,										
ottom Type Riffle)	9/1										
olor/Turbidity				•							
slocity	5			·							
ow (C.F.S.)	3.83										
- 11 (°F.)	42°									,	
] -	6.0										
y Abundance	I										Мітыї і Ішпану Інте ^{нн} т
enthos ample No.	ı									·	
gher Plant	Н										
natic Veg.	,			 		·					
ldent. (1) Mosses (2) Algae	N					 					1.10
	,										

neral Remarks (rehab., land use, barriers, log jams, etc.):

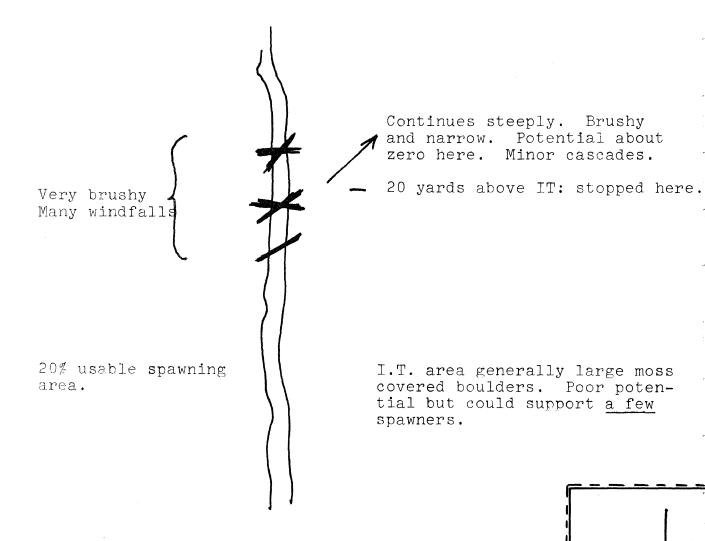
Water level normal.

Low tide.

Stream gradient is very steep from the top of the I.T. area upstream with several minor cascades. Any utilization here would be very limited.

Small stream. No evidence of any fish presence.

Stream banks stable.



Opt. escapement 36 (10'W, 100'L, 20% ASA)

Name		Catalog No. <u>102-40-68</u>	·
Latitude	N 55° 15' 16"	WR No.	
Longitude	W 132° 27' 30"	K No.	unu en me ennesskriven uitmanten en e
Geodetic Map	No. Craig B-2	Work Area <u>Ketchikan</u>	
Location Chol	mondeley - West Arm	WR No. K No. Work Area Ketchikan Watershed Length	
Water Supply '	Type <u>Precipitation</u>	- runoff and probably springs.	والمستعدد والمستويد والمستعدد المستعدد المستعدد المستعدد المستعدد المستعدد المستعدد المستعدد المستعدد المستعدد
Trails & Surv	ey Routes No trails - w	alk up the stream.	
Aerial Survey	Notes Small stream	with too much overstory for aerial	surveying.
Anchorage	Off the mouth of Lagoon C	reek.	
Tide Stage Wh	en Surveyed 1/2 tide	and ebbing.	
FISHERY RESOU	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
Commercial	Fisheries <u>Unknown</u>		
Escapement	spawning area - 18 M ²		
Available Spacias Com	position Unknown		
opecies com	JOSE GEOLI GIRLOWI		
Timing Unl	nown		
Schooling a	reas Would be off the	mouth	
Shellfish P	otential <u>None</u>		
Sport Fishe	ries <u>None</u>		
Land Use at	Present None		
History of	Land Use None		
_			
Rehabilitat	ion Potential <u>None -</u>	too small.	
Solls Star	ie to a point 20 yards abo	ove tree line - stopped here.	
umbonishe karreteen nation ettilisteete karreteen karreteen kartiiki telija kelja pullingidasi			
GAME RESOURCES			·
	Wich compagage on homes	(old or fresh) on banks, estimate	0
Stores and Employee	Number of droppings	(Old Of Hestl) of balks, eschiate	0
Case sa	Number seen on tide flat	S	0
45000	Number seen up creek		0
	Number of broods seen		0
Mallarda	Number seen on tide flat	3	0
A they be with a sign to be to sign. I to be send	Number seen up creek		0
	Number of broods seen		0
Mersanaons -	Number of broods seen		0
•	Number seen along creek		0
And the second s	Number of nests seen and	llocation	0
Seels was a see was	Number seen at mouth of		0
	Estimate length along be		very little
المراق المرافق	Estimate depth out from		
	Eel grass present on wha		

STREAM INVENTORY FORM

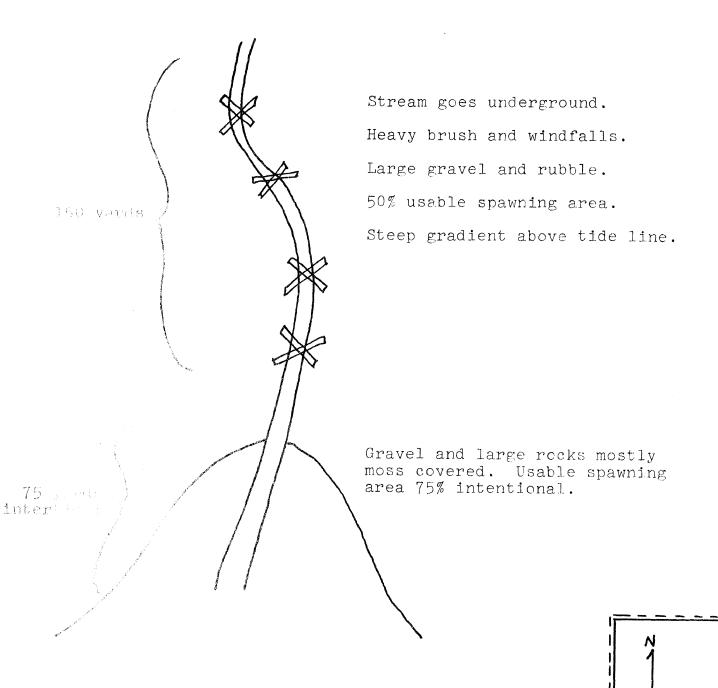
102-40-68

Name: Number:

Observers: Downey, Smith
Date: 10-5-73
Temperature:
Weather: Overcast - showers

tation No.	H		-					
ool Size/Type	2/2							
iffle Type idth - Depth	W 10'							
ool Riffle requency	m							
ottom Type Riffle)	7							
olor/Turbidity	1							
elocity	2							
low (C.F.S.)	2 <u>.</u> 7							
(·±o) 4dmə	39°							
	0 - 2							
ry Abundance	IO min. O							
enthos ample No.	1							
igher Plant lass	C							
quatic Veg. ensity Ident. (1) Mosses (2) Algae	1 2							
and the second s								

eneral Remarks (rehab., land use, barriers, log jams, etc.):



Opt. Escapement 677 (9'W, 675'L, 60% ASA)

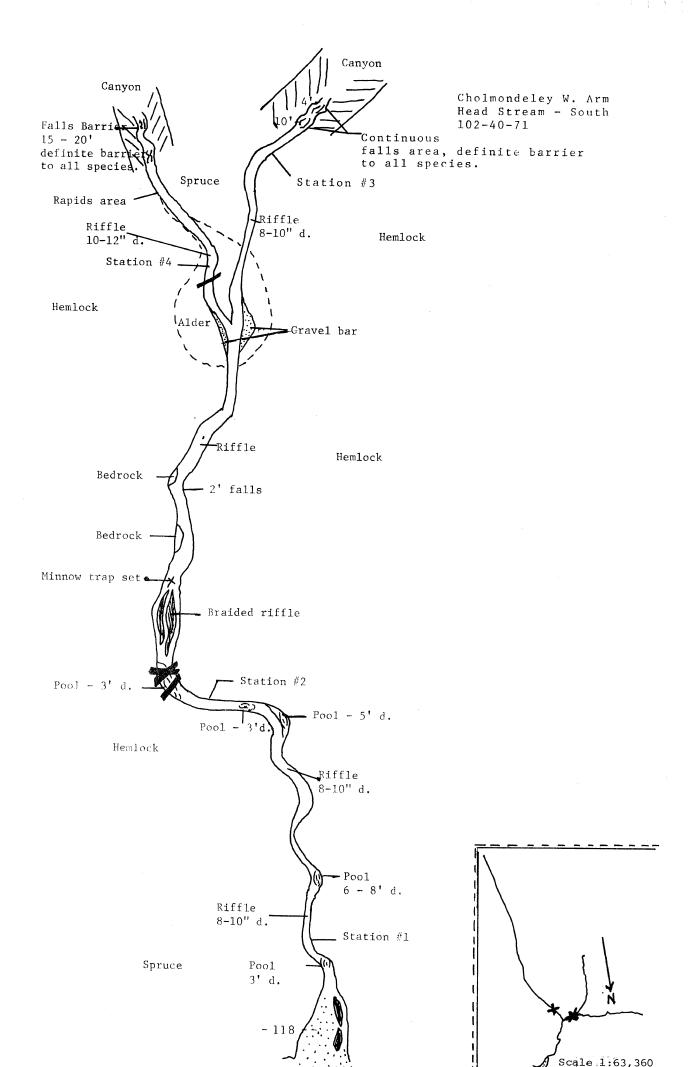
Name		Catalog No.	102-40-69	
Latitude N	55° 15' 13"	WR No.		
Longitude <u>W</u>	132° 27' 54" No. Craig B-2	_ K No		
Geodetic Map	No. Craig B-2	_ Work Area		anni and an anni and anni and the anni and an anni and an anni and an anni an an anni an anni an anni an anni a
Location <u>Cho</u>	lmondeley - West Arm of Watershed	$_{-}$ Watershed Leng	sth	
Drainage Area	of Watershed	00 1 1 1 1		**************************************
water Supply	Type <u>Precipitation</u>	- runoil and probabl	y springs.	
Trails & Surv	ey Routes <u>No trails,</u>	walk up the stream.		
		•		
	Notes Small stream		ory for aerial su	rveying.
Anchorage 0	of the mouth of Lagoon C	reek.		
Tide Stage Wh	en Surveyed <u> </u>	de and ebbing.		
FISHERY RESOU	RCES			
	Fisheries Unknown			
Escapement	Unknown			
Availabl	e spawning area - 338 M	<u> </u>		
Species Con	position Unknown			
Timing Unk	nown		ne die ersenseure von ersense die geschied bien die erste erste des geschiedes von der beschiede de	
Schooling a	reas Would be off the	he mouth.		
Shellfish F	otential Would be	e limited to clams -	- small flats area	
Sport Fiche	ries None			
Shore rivers	T.T.E.P. TALL			
Land Use at	Present None			
History of	Land Use None			Allen an Ausgale and Randphosantina attended to the contract of
Rehabilitat	ion Potential None	- too small		
Soils St	ream banks generally stal	ple to a point 150 y	ards above tree l	ine -
stopped here				·
GAME RESOURCES				
Bear	Fish carcasses or bone	s (old or fresh) on	banks, estimate	0
	Number of droppings		,	0
	Number seen on tide fla	ats		0
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide fla	ats		0
	Number seen up creek			0
P/mm mo and a second	Number of broods seen			0
100m	Number of broods seen	le.		0
Datu Edgles-	Number seen along creek Number of nests seen a			0
Seals	Number of nests seen at Mumber seen at mouth o			0
	Estimate length along			very little
سرون بالهامية الماسية	Estimate depth out from			ACT A TTOOTE
	Eel grass present on w		5	

/er	Date: 10-5-73	Temperature:	Weather: Overcast, showers
STREAM INVENTORY FORM		Name: W. Arm Cholmondeley Sd.	Number: 102-40-69

tation No.	1 - 1		AN MARIE PARENT		·			
90%								
le Type h - Depth	\Z_0		Seal Acceptable and the Page Constant	The state of the s				
ool Riffle equency	ĸ	A. A. S.						
ottom Type Riffle)	7							
olor/Turbidity	7							
) locity	2	·						
	2.67		·					
(.Ho) -due	440							
-	7							
10 y Abundance) min. O				ſ			
enthos imple No.								
gher Plant ass	-							
<pre>uatic Veg. Insity Ident. (1) Mosses (2) Algae</pre>	2							
,	,	•						

neral Remarks (rehab., land use, barriers, log jams, etc.):

Water level normal. 1st 1/2 of ebb.



Nome Bood of	Woot Amm Court	0-4-7	102-40-71	
Name Head of Latitude N	West Arm > South	Catalog No. WR No.	102-40-/1	
		K No.		
Goodetic Man	32° 28' 15"		. 1 1 . 1	
Location numbers	O. Craig - A2 & B2	Watershed Le	olmondeley Sound	
Drainage Area	e of Wales Island of Watershed 5.77 sq.		J.5 miles	
	Type Runoff, springs,		ntain olacial tvi	nes pres
sent on south		and high mod	ntain glacial ty	PCS PIC
Trails & Surve	ey Routes The best wa	y to survey t	his system is to	walk
the creek (ea	sy walking).			
Aerial Survey	Notes The water is	clear and is	void of excessive	e over-
growth to the	area of the forks -	bottom grayis	n.	1 1
Anchorage ver	y limited anchorage m anchorage off Lagoon	Crook mouth	est arm for smal.	1 Doats.
	en Surveyed 2nd hal			
Tide Stage who	en Surveyed zid nai	.1 01 11000.		When the first the second seco
FISHERY RESOU	RCES			
Commercial :	Fisheries Pink, chum	, and coho hav	e been documente	d.
				
Escapement_	45,000 high historic	pink escapeme	nt. Desired 3,00	00.
	ment - 800 pink, 250	chum. Availa	ole spawning area -	5,003 M2
Species Com	position			
Wiming Late	- August and Septemb	er		
	reas School on south		hefore entering.	Also
	he ITZ of this stream		DOTOTO CHECTING.	
	otential Clams are pr		vast tideflats as	ssociated
	tream. Dungeness cra			
Sport Fishe	ries D <mark>olly Varden an</mark> d	cutthroat pr	esent an excelle	nt fishery
	st and September. Co			
	Present Planned as p		olmondeley Sound	I.D.T.
project sch	eduled to be logged i	n 1974.		
	Land Use None other t		from the Old Se.	ltzer
	il on North side of h			
	ion Potential No poss		ork necessary or	practical
	ng fishery.potential. le soils in area surv		harra aluffina in	the exec
of both fal	is if logging occurs.	eyed but may	nave stutting in	Lue area
OI DOCH ICI	TO II TORRING OCCUID.			
GAME RESOURCES	•			
	· · · ·			
Bear www.	Fish carcasses or bones	(old or fresh)	on banks, estimate	0
2	Number of droppings	a		2
COSS - and the same above the same	Number seen on tide flat Number seen up creek	JS		0
	Number of broods seen			0
Mallarde	Number seen on tide flat	: Q		0
10.00 LLCCLL (LAD)	Number seen up creek	75		0
	Number of broods seen			0
Versansers -	Number of broods seen			0
N	Number seen along creek			0
.*	Number of nests seen and	d location		0
Seals	Humber seen at mouth of	stream		2
Tide flats -	Estimate length along be	each		400 ytds.
	Estimate depth out from			8-10 ft.

Excellent deer sign on this creek, also wolf sign plentiful. 1 winter kill deer found on this stream.

Eel grass present on what percent of flats

15 min. i	intervals.	Ś			STRE	MINI	Arm Ch	Arm Cholmondeley Sound	elev S	ormd	ОДЕ	Observers: Date: 7-25-		McMullen, .73	No No		
			Left Fork	Right Fork	Name: Number:		102-40-71	-71			7 Z -	Weather:		1.11	scattered	ed rain	in
Station No.	H	2	3	4													
Pool Size/Type	2/2	2/2	3/2	2/2													
Riffle Type Width-Depth	42'W 30'W 8-10''D1.5'D	30'W)1.5'D	35'W 6''D	29'W 1'D													
Pool Riffle Frequency	3	3	3	х								· ·					
Bottom Type (Riffle)	4/5	4/5	5/4	5/4													
Color/Turbidity	1/1	1/1	1/1	1/1												T	
Velocity	2	2	2	3													
Flow (C.F.S.)	98.78		26.78	53.40													
Temp. (°F.)	(56)	(58) 42°	(56) 43°	(56) 41°													
ЬН	9	9	9	9													
Fry Abundance		2-2 3-1															
Benthos Sample No.																	
Higher Plant Class	1	2	2	2													
Aquatic Veg. Density Ident	2	8	3	2					-								
(1) Mosses (2) Algae	2	2	2	П											\dashv	-1	
dedon' released to	r John	Jand	Jand 11se	harriers.	100	jams.	etc.):			redmil Timber	Timher		Rammian on left and right forks	10ft a	nd rio	ht for	r K

Barrier on left and right forks -Standfly and caddis abundant but the server samples was not available for survey. Larvae of nudge fly abundant -General Remarks (rehab., land use, barriers, log jams, etc.): Med. commercial Timber. no rehab, potential. Fresh water sponges very abundanct in area below forks to mouth. associated with fresh water sponges.

PEAK ESCAPEMENT RECORD NAME: Cholmondeley Sound, West Arm, Head

STREAM CATALOG NUMBER: 102-40-71

DATE	PINK	СНИМ	OTHER SPECIES	REMARKS :
Oct. 5, 1946	8,000	5,000	.*	Fair. 2,000 fish at mouth (G)
Oct. 3, 1947	45,000	35,000		Excellent. 20,000 fish at mouth(G)
Sept. 29, 1948	2,300	9,500		Good. 15,000 fish at mouth (G)
Sept. 11, 1952				No fish present (G)
Sept. 20, 1953	160	•		Chum fresh. Visibility 100% (G)
Oct. 7, 1953		1,100		200 chum at mouth (G)
Sept. 28, 1954		1,500		Few 100 at mouth. Visibility not good. (A)
Sept. 2, 1956				150,000 pink at mouth
Sept. 29, 1956	8,000			Chum present (A)
Sept. 17, 195 7	300			
Sept. 29, 1957		6 ,0 00		Poor
Sept. 20, 1959	·	2,500		None at mouth (A)
Sept. 20, 1960	.30	90		None at mouth(G)
pat. 11, 1961	200	800		(G) Half mile foot survey
Oct. 17, 1962	500			Vis. fair (A)
Oct. 6, 1963		2,100		150 fish intertidally (A)
Sept. 19, 1964	400	50		Vis. good, stream high. 250 fish were at the mouth of the stream (F
Sept. 13, 1967	few			Vis. good (A)
Sept. 12, 1966		200		900 fish intertidally (F)
Sept. 19, 1967	300	750		200 chum at mouth, Vis. good (F)
Sept. 18, 1968	1,000	1,500		50 chum at mouth of right head stream. On Aug. 26, 1968 had 7,500 fish intertidally (A)
Sept. 3, 1969	400			(F)
Sept. 10, 1970	950	300		(F)
Sept. 16, 1971	3,900	75	- 121 -	Vis. good (F)

PEAK ESCAPEMENT RECORD

NAME:

Cholmondeley Sound, West Arm, Head

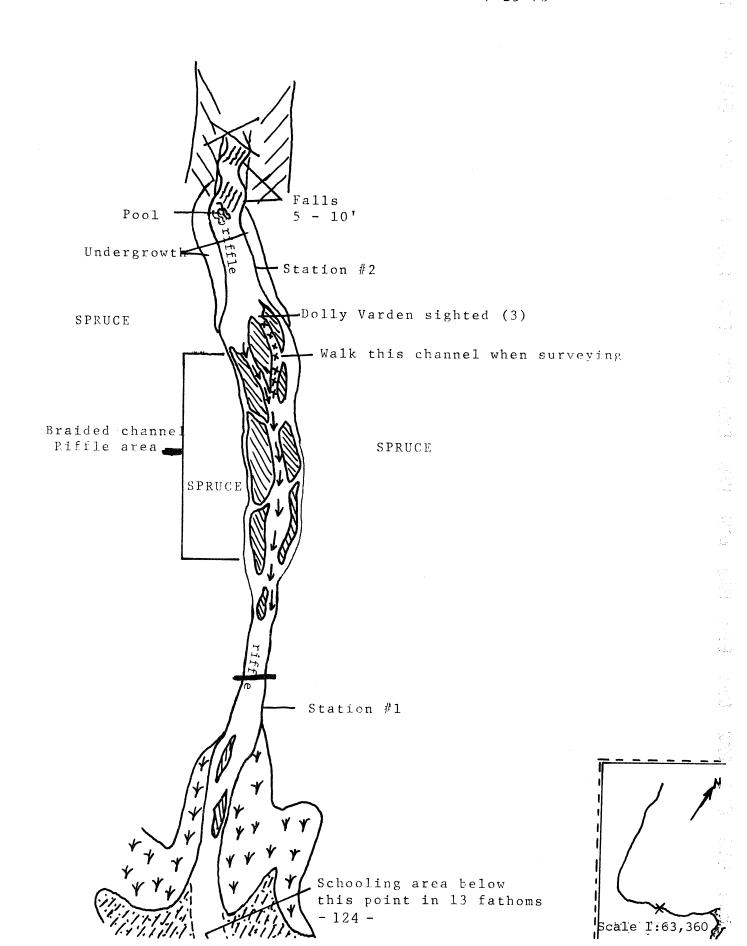
STREAM CATALOG NUMBER: 102-40-71

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Oct. 3, 1972	800	250		Vis. good (F)
Aug. 19, 1973	·			6,000 fish intertidally (H)
Aug. 29, 1973	4,000			Vis. Fair (A)
Sept. 18, 1973		2,915		Vis. good (F)
Aug. 29, 1974	4,0	00		Vis. excellent (A)
			- 122 -	

102-40-72 West Arm Cholmondeley Sound Downey, Smith 10-5-73

N 55° 15' 42'' W 132° 26' 39''

Small runoff type stream. Any possible utilization here would be at the most a couple of pairs of spawners. Very poor potential.



Name W.Arm Cho	mondeley N. Head Stream	Catalog No. <u>102-40-73</u>	
Latitude N 5	° 15' 35"	WR No.	
Longitude <u>W132</u>	° 15' 35" ° 28' 23"	K NO	
Geodetic Map	No. Craig A2 & B2	Work Area Cholmondeley Sound - Watershed Length 2.3 miles	District II
Location Princ	e of Wales Island	Watershed Length 2.3 miles	
Drainage Area	of Watershed 1.93 sq.	. miles	
Water Supply	Type Runoff and springs	3	
Trails & Surv	ev Routes The only way t	to survey is by walking in the ma	in channels.
	channel area when surveyi		III Chamers.
		mpossible to survey from the air	as overhanging
trees and und	erbrush cover the channels	S .	
Anchorage Sma	11 boat - anchor off flats	s in 13 fathoms near north side o	f head. Not
a good place	to safely anchor in. Mud	and sand.	
Tide Stage Wh	en Surveyed <u>lst half o</u> f	the ebb.	
FISHERY RESOU	RCES		
Commercial	Fisheries Pink and chum	salmon have been documented but	cohos may also
be present in	upper stream.		
Escapement_	1972 - 385 pink and 89 chu	ım salmon. 1971 - 2400 pink; 6 c	hum. High
historic 35,0	00. Desired 3,000. A	vailable spawning area - 2,748 N	√12
Species Com	position 90 - 95% pink,	5% chum, 0 - 5% coho.	
mi a i a			
Timing Lat	e - August and September.	1. 10 6.11	
Stream mouth	on N. side of head (1972).	in 13 fathom area directly in f	ront of the
Shellfish P	otential Huge tide flats	s with excellent clam populations	Dungonoss
crab may be t	aken in 13 fathoms.	with excerient clam populations	• Dungeness i
		and Dolly Varden use this stream	for snawning
and rearing.		and borry variety doe this beream	Tor opawiring
	Present This watershed	was part of the 1973 Cholmondel	ey Sound I.D.T.
plan.			
History of	Land Use The Sultzer tr	ail paralleled this stream and t	hen crossed.
Some timber w	as cleared along this rout	ce.	
Rehabilitat	ion Potential Blowdown	n is present but does not block o	<u>r hinder salmor</u>
	the falls area.		
Soils Relat	ively stable at present ti	me but if disturbed along stream	would have
tendency for	high erosion problems.		
GAME FESOURCES		•	
Bear		(old or fresh) on banks, estimate	
	Number of droppings		2
Geese	Number seen on tide flats	3	0
	Number seen up creek		0
	Number of broods seen		0
Mallards	Number seen on tide flats	3	0
	Number seen up creek		0
Managara	Number of broods seen		0
Mergansers -	Number of broods seen		0
Bald Eagles-	Number seen along creek	I poot i ov	
Seals	Number of nests seen and		0
	Number seen at mouth of a		1001-
Tide flats -	Estimate length along bea		100 yards
	Estimate depth out from the		10 ft. 0
	Eel grass present on what	Dercetto Or Trapp	U

					[S	STREAM INVEN	CNVEN	Y FORM	۱۲ ال			Observ	Observers: McMullen,	McMu1	len, Nc		
					Ne	Name: W.Arm Cholmondeley Sound-North	.Arm C	holmon	deley	-punos		Jemper Temper	Temperature:	540			,
	10 n	10 min. int	intervals.	S.	N.	Number:	102-40-73	0-73				Weather:	r: 0v	Overcast	- rain	u	1 12
Station No.	,	2															
Pool Size/Type	2/2	3/2									·						·
Riffle Type Width-Depth	16'W .5'D	13'W															
Pool Riffle Frequency	3	3															· · · · · · · · · · · · · · · · · · ·
Bottom Type (Riffle)	5/4	4/5												-			·
Color/Turbidity	1/1	1/1							•								
Velocity	2	2															
Flow (C.F.S.)	12.43	12.03															
Temp. (°F.)	45°	45°															
Hq	9	9															
Fry Abundance		2-3													·		
Benthos Sample No.																	· · · · · · · · · · · · · · · · · · ·
Higher Plant Class	1	1															
Aquatic Veg. Density Ident.	3	2															
(2) Algae	2	1															

General Remarks (rehab., land use, barriers, log jams, etc.): Fall barrier at left turn out of valley - Migration to falls. Braided area below falls to station #1 (approximately 1/4 mile). No rehab. potential. So are unstable along the stream banks.

- 126 **-**

PEAK ESCAPEMENT RECORD

NAME:

Cholmondeley Sound, West Arm, N. shore 0.5 mile from head

STREAM CATALOG NUMBER:

102-40-73

(102-40-7	<u> </u>	
DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Oct. 5, 1946	3,000	2,000		Fair (G)
Oct. 3, 1947	35,000	5,000		Excellent (G)
Sept. 29, 1948	1,900	2,100		Good (G)
Sept. 19, 1953	1	5	·	Foor (G)
Sept. 2, 1956				100,000 pink at mouth
Sept. 29, 1957		6,000	:	
Sept. 29, 1960	2	0		None at mouth (G)
Oct. 11, 1961		100		Half mile foot survey (G)
Aug. 11, 1963				Flow low- bottom comp. gravel, rock, boulders, Width 6 feet (F)
Aug. 17, 1965	N.O.			5 balls at mouth (A)
Sept. 23, 1970	680		*	On Sept. 10, 1970 had 900 fish intertidally. Many dead fish. Vis good (F)
Sept. 16, 1971	2,400	6		Vis. good (F)
Aug. 21, 1972				7,200 fish intertidally. Vis. excellent. I ball off creek, all fresh large fish, believe they're chum (H)
Aug. 31,1973	.900	·		400 fish intertidalay (H)
Aug. 29, 1974	4,0	00		Vis. excellent (A)
			- 127 -	

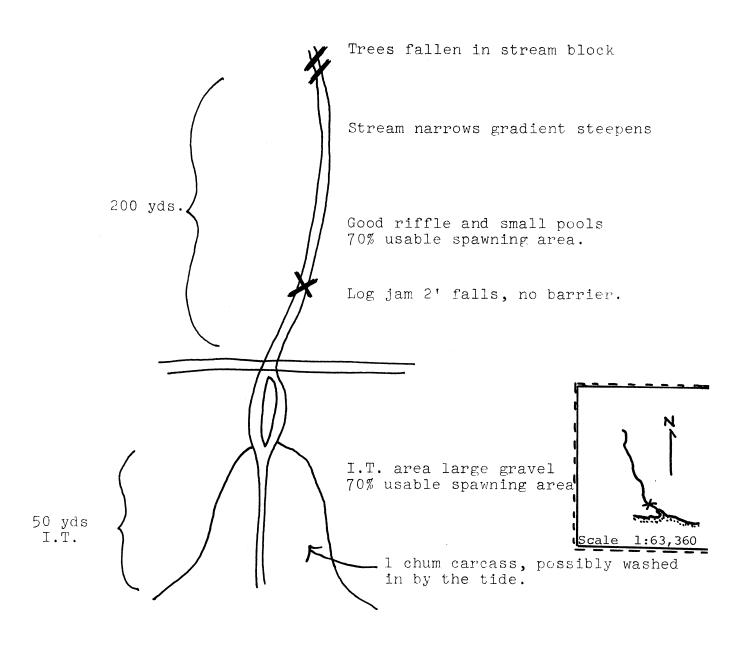
102-40-74 West Arm Cholmondeley Sound Downey, Smith 10-5-73

N 55° 15' 38'' W 132° 27' 49''

<u>Very small</u> stream with about 20 yards of intertidal area. Very poor potential, but appears as if it <u>could</u> support <u>a few</u> spawners intertidally.

102-40-75
West Arm, Cholmondeley Sound
10-5-73
Downey, Smith

Fair looking small stream 50 yards I.T. with good gravel. 75% spawning area, above I.T. stream has good gravel for about 200 yards with 70% usable spawning area.



Opt. Escapement 1,045 (10'W, 750'L, 75% ASA)

Name		_ Catalog No	· <u>102–40–75</u>	They arked the common term thinks to proper the second the second that the second the se
Latitude	N 55° 15' 33"	WR No.		
Longitude	N 55° 15' 33" W 132° 25' 02" No. Craig B-2	K No.		
Geodetic Map	No. Craig B-2	Work Area_	Ketchikan	
TOCALLION ONO	mionderey - west aim	_ Watershed .	Length	
Drainage Area	of Watershed			
water suppry	Type Precipitation ar	id runoff — prob	ably springs also.	
Trails & Surv	vey Routes <u>No trails</u>	- walk up the	stream.	
	Notes Small stream			
	Moves Bharr Stream	i witti too matri	overstory for aerial	surveying.
Anchorage	Off the mouth of Lagoon	Creek.		
Tide Stage Wh	nen Surveyed last	1/2 ebb tide.		
FISHERY RESOU	JRCE S			
Commercial	Fisheries Unknown			
Escapement	Unknown			
Available	e spawning area - 523 M ²)		
Species Con	position Unknown			
Timing Unki	nown	and and the state of the state		
Schooling a	reas Would be off th	e mouth.		
Shellfish I	Potential Almost z	ero – rocky inte	ertidal zone.	
Sport Fishe	eries None			The same specimens are the same specimens and the same specimens are the same specimens and the same specimens are
Land Use at	Present None			
	Land Use None			
mind only or	Land Use None			The same of the sa
Rehabilitat	ion Potential None	- a good stream	m, but too small to o	lo anything
WITH.				
DOTTP Prat	ole to a point 200 yards a	bove tree line .	- stopped here	
GAME RESOURCES	,			
Rear	Fish carcasses or bones	(old on freah)	on hands anti-	
1000	Number of droppings	(ord or, Itasu)	on banks, escimate	0
Geese	Number seen on tide fla	ts		
	Number seen up creek	.00		
	Number of broods seen			0
Mallards		.ts		0
	Number seen up creek			0
Τ.σ	Number of broods seen			0
				0
Bald Eagles-				0
Seals	Number of nests seen ar Number seen at mouth of			0
	Estimate length along b			0
	Estimate depth out from			very little
	Eel grass present on wh		lats	-
	rer grass present on wh	at percent of f	lats	_

STREAM INVENTORY FORM

Name: Number: 102-40-75

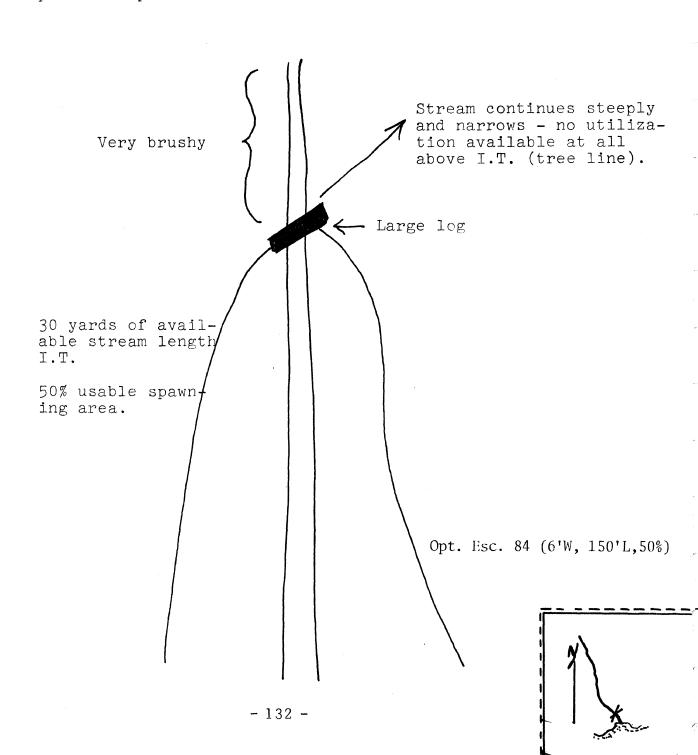
1

Observers: Downey, Smith
Date: 10-5-73
Temperature:
Weather: Overcast - showers

					and in the order of the control of t											
\dagger																
							•									-
1																
1			a en govern film op de en andere													
1																
	1	_														
+		•														Parameter Services
1																
+																
					·											
1				-												
1																
+																
-											-					
1							-									
		2	-					10	0	0	min.				<u> </u>	
		1/2	N M	, m	7	Н	, 2	1.07	45°	5.0	010	1	2	α `		
						N S							4.			
		Jan'T'	0 t	υ	e e	141		\ \cdot			0.00				. (ນ ທູ
	N N	ize/	Typ	iffl ncv	Type (e)	Turb	t.v	C E	日0)		nnda	S No	Ple	C Ve	it v	MOSN NO CV
	ation No.	ol Size/Type	ffle Type	ol Riffle	ttom Type iffle)	lor/Turbidity	Vaitv	OW 1(C.F.S.)	(上o) 131 131	-	v Abundance	nthos mple No.	gher Plant	uati	nsity Ident.) () ()

neral Remarks (rehab., land use, barriers, log jams, etc.):

Very small stream, of <u>little</u> importance fish wise - potential poor.



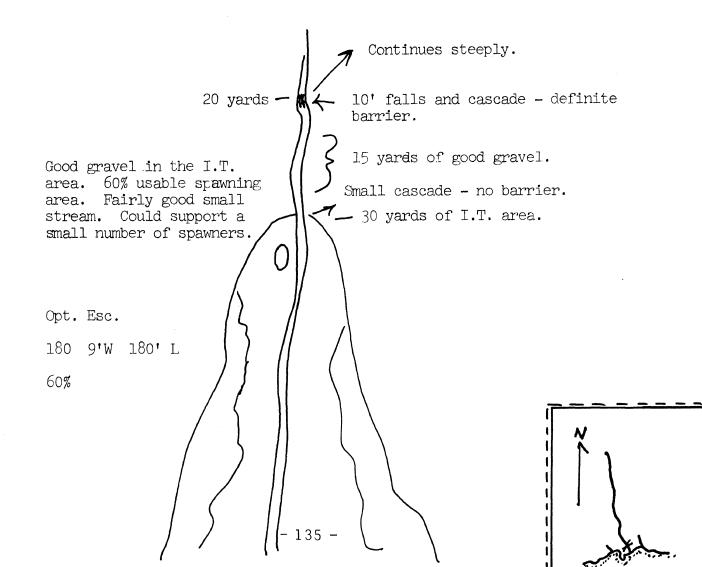
Name	Catalog No. 102-40-77	
Tatitude N 55º 15! 34"	WR NO	
Longitude W 132°23' 36"	WR No. K No.	
Geodetic Map No. Craig B-2	Work Area <u>Ketchikan</u>	April 1900 Control of the Control of
Location Cholmondeley - West Arm Drainage Area of Watershed	Watershed Length	
Water Supply Type Precipitation	1 - runoff and probably springs.	
Trails & Survey Routes No to	rails - walk up the stream.	
Aerial Survey Notes Small str	ream with too much overstory for aerial s	urveying.
Anchorage Off the mouth of Lago	oon Creek.	
Tide Stage When Surveyed La	ast 1/2 ebb tide.	
FISHERY RESOURCES		
Commercial Fisheries Unkr	nown	
Escapement Unknown		
Available spawning area - 4		
Species Composition Unknow	<i>ī</i> n	
Timing Unknown		
Schooling areas Would be o	off the mouth	
Shellfish Potential Almost	zero - rocky intertidal zone.	Marie Anna ann an Aontain ann an Aontain Aontain an Aontain an Aontain an Aontain an Aontain an Aontain an Aon
Sport Fisheries None		
Land Use at Present None		
History of Land Use None		
Rehabilitation Potential	None - foo small	
		The antiquestion is also with make an institutional distribution of the second of the
Soils Stable to a short dist	ance above the tree line - very small st	ream.
GAME RESOURCES		
	bones (old or fresh) on banks, estimate	0
Number of dropping		0
Geese Number seen on tid		0
Number seen up cre		0
Number of broods s Mallards Number seen on tid		0
		0
Number seen up cre Number of broods s		0
Mergansers - Number of broods s		0
		0
Bald Eagles— Number seen along Number of nests se		0
Seals ——— Number seen at mou		very little
		VCT'N TTOOTE
Tide flats - Estimate length al		
Estimate depth out	on what hercent of flats	

Name: Number: 102-40-77 Weather: Over	Date: 10-5-73 Temperature: Weather: Overcast - showers

	-	-	_									
tation No.												
ool Size/Type	3/5									 		
1 (⊠ Ø											
ool Riffle requency	, m											
ottom Type Riffle)	ħ										,	
olor/Turbidity	г											
elocity	, 2									·		
low (C.F.S.)	.35											
emp (· F ·)	0 17 17			:								
! -	5.0											
ry Abundance	l											
enthos ample Nó.	ı											
igher Plant lass :	Н											
quatic Veg. ensity Ident. (1) Mosses (2) Algae	2 2 2									a,, jes, <u>lug,ga</u> jes, pa esta esta esta esta esta esta esta est		
ks	(rehab.,	land use,	use,	barriers,	log jams,	us, etc.)	··					

102-40-79 Cholmondeley Sound - West Arm Downey - Smith 10-5-73

Tide 2/3 out and ebbing. Sunny clear day. Stream flow normal.



Name	Catalog No. 102-40-79
Latitude N 55° 15' 34" Longitude W 132° 23' 16"	WR No.
Longitude W 1320 231 16"	K No.
Geodetic Map No. Craig B-2	Work Area Ketchikan
Location Cholmondeley - West Arm	Watershed Length
Drainage Area of Watershed	Work Area <u>Ketchikan</u> Watershed Length
Water Supply Type Precipita	tion - runoff and probably springs.
Trails & Survey Routes No tra	ils - walk up the stream.
	,
Aerial Survey Notes Shall St	ream with too much overstory for aerial surveying.
Anchorage Off the mouth of I	agoon Cree,
Tide Stage When Surveyed	Last 2/3 ebb tide.
FISHERY RESOURCES	
Commercial Fisheries Un	known
Escapement Unknown	
Available spawning area - 90	M^2
Species Composition Unkno	<i>i</i> m
Timing Unknown	the mouth
Schooling areas Would be off	the mouth.
Challfish Potantial Almost	7000 TOOM TOOM IN THE TOTAL TOTAL
SHETTITSH FOCEHOLAT AMIOSC	zero - very rocky intertidal zone.
Sport Fisheries None	
Land Use at Present None	
History of Land Use None	
Rehabilitation Potential N	one - too small.
Soils Generally stable to a	
soils Generally stable to a	point 15 yards above the tree line - stopped here.
GAME RESOURCES	
	oones (old or fresh) on banks, estimate0
Number of dropping	
Geese Number seen on tide	
Number seen up cre	
Number of broods s	
Mallards Number seen on tide	
Number seen up cre	
Number of broods so	
Mergansers - Number of broods s	
Bald Eagles- Number seen along Number of nests se	
Seals Number seen at mou	
Tide flats - Estimate length al	
Estimate depth out	9
	on what percent of flats

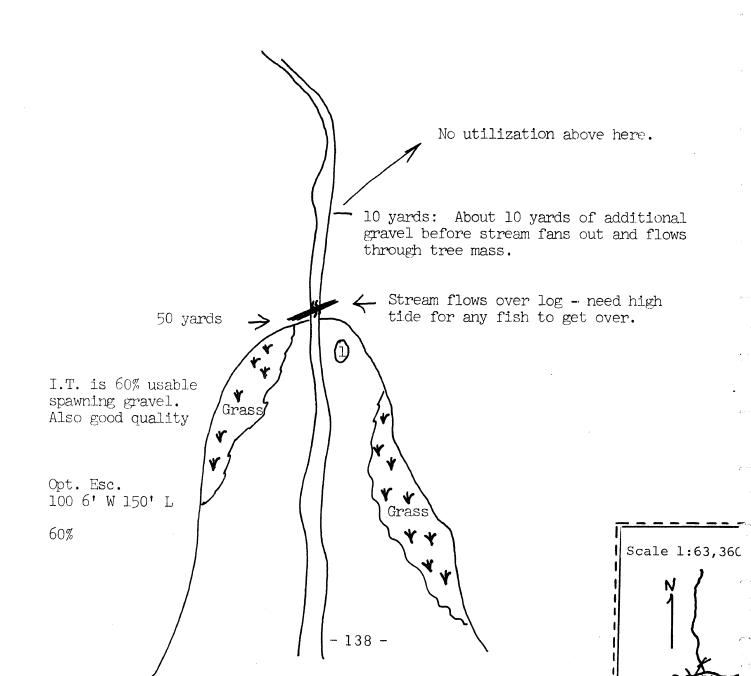
Name: Temperature: Number: 102-40-79 Weather:	ng mari ba		ST	STREAM I	NV. J'	INV. JORY FORM	RM	:	000	server	Observers: Downey - Smith	mey - S	mith	
			Na	me: mber:	105-1	10-79	11		H H H	mperat ather:	ure:			
						-					+	+		

£ }____

The state of the s			-	-	-	-			-		-	-		-		-	-	
ation No.	' П																	
ol Size/Type	2/2																	
ffle Type dth - Depth	M 16																	
ol Riffle equency	3			·											•			
ttom Type iffle)	. 4		·															
lor/Turbidity	П																	
locity	2																	
ow (C.F.S.)	1.91						·											
(.乎。) 137.dw	450									·								
_	5.5																	
y Abundance																·		
nthos mple No.												•						4.
gher Plant ass	. ~		· ·															
uatic Veg. nsity Ident. (1) Mosses (2) Algae	1 7 7							-					and the second s					
КS	(rehab.,	, land	d use,	ł	barriers,	, 10g	jams	, etc.	::									

102-40-81 Cholmondeley Sound - West Arm Downey - Smith 10-5-73

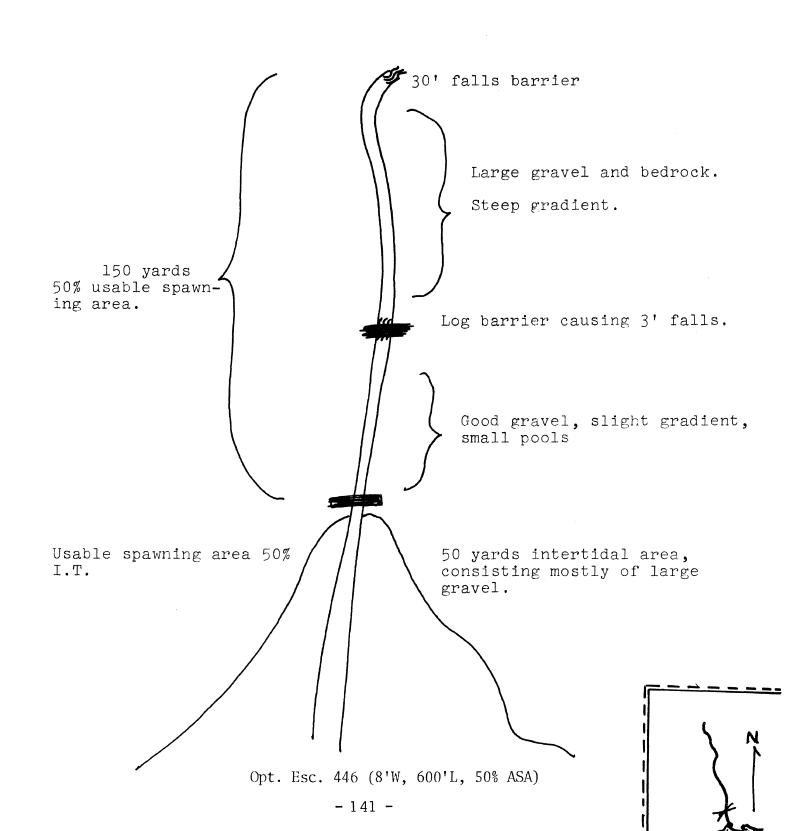
Pretty small stream. All utilization would be intertidal. Stream flow normal.



Name	Catalog No.	102-40-81	
Longitude N 55° 15' 36" Longitude W 132° 23' 10" Geodetic Map No. Craig B-2 Location Cholmondeley - West Amarage Analysis of Watermahed	WR No.		,
Longitude W 132° 23' 10"	K No.		
Geodetic Map No. Craig B-2	Work Area I	Ketchikan	
Location Cholmondeley - West	Arm Watershed Len	gth	
prainage Fred or wavershed	· · · · · · · · · · · · · · · · · · ·		
Water Supply Type Precip	itation — runoff and proba	ably springs.	
Elmodila & Suprem Davids No.	37		
Trails & Survey Routes No 1	trails - Walk up the strea	am.	
Aerial Survey Notes Small st	tream with too much overst	cory for aerial sur	eying.
Anchorage Off the mouth of La	agoon Creek.		
Tide Stage When Surveyed	last 1/2 of ebb tide.		
FISHERY RESOURCES			
Commercial Fisheries Unl	mown		
Escapement Unknown			
Available spawning area -	50 M ²		
Species Composition Unkno	own		
Timing Unknown			
Schooling areas Would be	off the mouth		······································
Shellfish Potential Almos	st zero – very rocky inter	tidal zone.	
Sport Fisheries None			
Sport Figureries None			
Land Use at Present None			
History of Land Use None			
Rehabilitation Potential	None - too small		
remanded to to the total to the total to the total to the total total to the total t	Notic - COO Sheet:		
Soils Stable to a point 10 y	vards above tree line - st	copped here.	
GAME RESOURCES			
Bear Fish carcasses o	r hones (old or fresh) on	hanka estimata	0
Number of droppi		barro, sounate	<u> </u>
Geese Number seen on t		-	0
Number seen up c		-	0
Number of broods			0
Mallards Number seen on t	ide flats	~	0
Number seen up c	reek	·	0
Number of broods	seen	- -	0
Mergansers - Number of broods		•	0
Bald Eagles- Number seen alon		- -	0
	seen and location		0
Seals ——— Number seen at m			0
Tide flats - Estimate length			30 yards
Estimate depth o		·	10 yards
tel grass presen	t on what percent of flat	5	_

				STREAM	W T NV		NAOH YAOM	>		ĉ	Ohservers.		Downey	- Smith	t. L
)					111	1	10 1	-1		Õ	Date:	. [3		
				Name:	. 1			1		É	Temperature	ature:	7)		
				Numbe	ber: 10	102-40-81	1	. 1	•	ž	eathei	r:	Overcast	- shov	showers
									T	1	1	1	1	+	1
Station No.	٠, ٦														
Pool Size/Type	2/2		-					:						•	
Riffle Type Width - Depth	6' W								-						
Pool Riffle Frequency	5											·			
Bottom Type (Riffle)	7	•													
Color/Turbidity	Н		·												
Velocity	2			·											
Flow(C.F.S.)	89.														
O Temp! (°F.)	440													·	
Нď	5.5														•
Fry Abundance												٠.			
Benthos Sample No.													•		
Higher Plant Class	Н					•									ì
Aquatic Veg. Density Ident. (1) Mosses (2) Algae	2 2														and the second s
ırks	(rehab.,	land use,	 barriers,	, log	jams,	, etc.	: (

Last 1/2 ebb tide Water level normal



Name		Catalog No	102-40-83	
Latitude N	55° 15' 39"	WR No.		
Longitude W	132° 21' 54"	K No.		
Geodetic Map 1	No. Craig B-2	Work Area I	Ketchikan	
Location Chol	55° 15' 39" 132° 21' 54" No. Craig B-2 mondeley - West Arm	_ Watershed Ler	igth	
Dialitage rilea	OI WEST BILLS			
water Supply	Type Precipitation -	runoii and probab.	y springs, also po	SSIDIE
Trails & Survey	m nëar lake. ey Routes <u>No trails</u>	walk in the stre		
TIGHTS & DOTA	y nouses no traits	- wark up one sore	au.	
Aerial Survey	Notes Small stream w	with too much overs	story for aerial su	rveying.
Anchorage Of	f the mouth of Lagood Cr	eep.		
Tide Stage Wh	en Surveyed <u>Last 1/</u>	2 ebb tide.		
FISHERY RESOU	RCES			
	Fisheries Unknown			
Escapement	Unknown able spawning area - 223	7 7 t 2		
Avail	able spawning area - 22.	3 IVI 2		***************************************
species com	position <u>Unknown</u>			
Timing Un	known			
Schooling a	reas Would be off th	ne mouth	and the second s	to no acceptance process and a second of the contract of the c
Shellfish P	otential <u>Almost zer</u>	<u>ro – very rocky int</u>	tertidal zone.	
Chant Fish	nios None			
Sport rishe	ries None			
Land Use at	Present None			
History of	Land Use None			
T) - 1 - 1 - 2 7 - 4 - 6 - 6	i Determina Nov			
Renabilitat	ion Potential Nor	ie - too small		Manage control of the section of the
Soils Gene	rally stable to a point	150 vards upstream	Λ.	transiti anang pipingan propinsi ay antisi ng kapang aga isa ang a
				And the second s
GAME RESOURCES				
Rear	Fish carcasses or bones	s (old or fresh) o	n hanks estimate	0
1XXXII	Number of droppings	o (Ora Or Tredit) C	ir baimes, abominoc	0
Geese	Number seen on tide fla	ats		0
	Number seen up creek			0
	Number of broods seen			0
Mallards	Number seen on tide fla	ats		0
	Number seen up creek			0
	Number of broods seen			0
	Number of broods seen			0
Bald Eagles-	Number seen along creek			0
	Number of nests seen a			0
	Number seen at mouth o			0
Tide flats -	Estimate length along b			very little
	Estimate depth out from Eel grass present on which		ta	
	THE FEMALES OF THE SECOND OF THE	nat. Del(Baid, (): 118	: 4.7	

STREAM INVENTORY FORM

Name: Number: 102-40-83

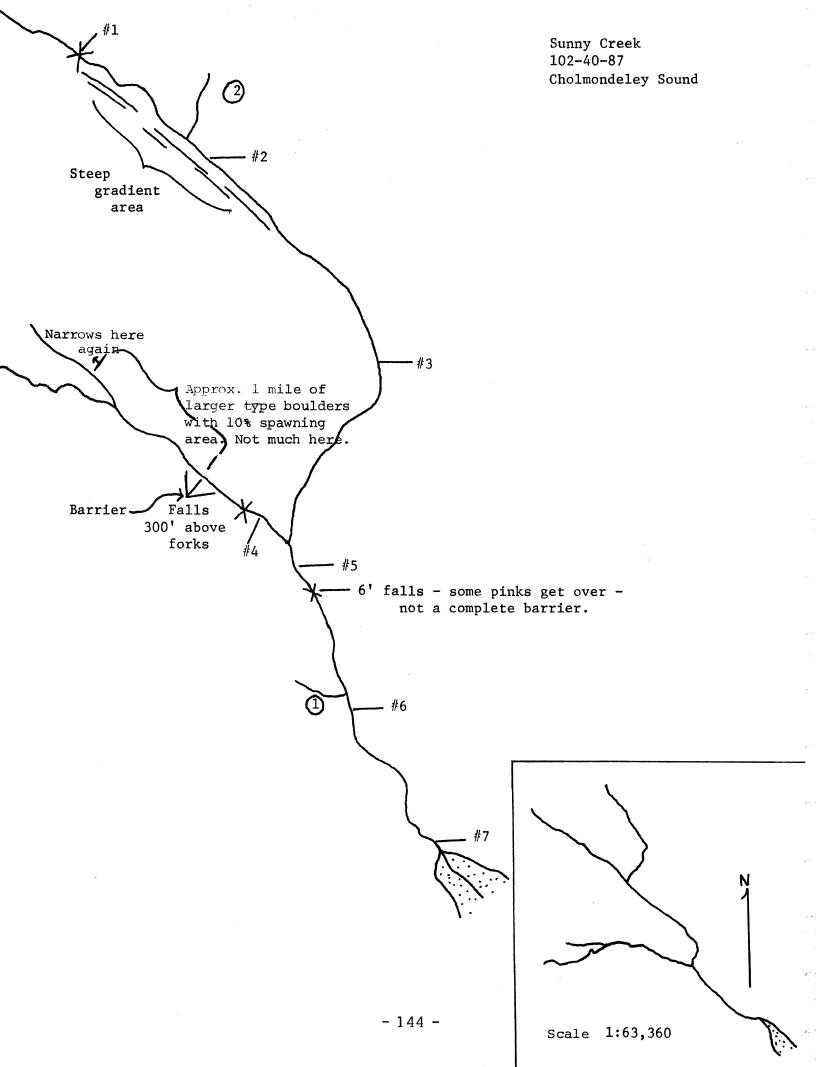
Observers: Downey, Date: 10-5-73

Smith

Temperature: Weather: Overcast - showers

ation No.	Н	***************************************		<u>-</u> -		 					 ***************************************
ol Size/Type	1/2										
ffle Type dth - Depth	& ¥										
ol Riffle equency	, CC										
ttom Type iffle)	7										and the second
lor/Turbidity											
locity	. ~			·							
ow (C.F.S.)	0.9										
(·4°) 33du	42°								-		
_	5.5							·			etaju sta justa
y Abundance	ı							·			15° 1 mm 15° 1 mm 1
nthos mple No.	ı										
gher Plant ass	1/2										
uatic Veg. nsity Ident. (1) Mosses (2) Algae	2 8					 				·	
\			,								

neral Remarks (rehab., land use, barriers, log jams, etc.):



Name Sunny Cr	eek	Catalog No.	102-40-87	Adam and the second
Latitude N.	22° 10:3'	WR No.	<u> </u>	
Longitude W.		K No. K 156	previous number 133)	
Geodetic Map	No. Craig - B-1	Work Area_K	etchikan	-
Location Cho		Marier Streat Te	116 off 2.5 miles	
Drainage Area		11.39	sq. miles	
on right fork.	Type Spring - runoff of	left fork: run	off - spring - lake	system
	ey Routes No establishe	ed trails: walki	ng not too bad in th	e stream
Aerial Survey section due to	Notes Clear water concoverhanging trees.	ditions common.	May be hard to surv	ey in upper
Anchorage The	cove has a good anchorage	e for small craf	t.	
Tide Stage Wh	en Surveyed 2nd half	low tide		
FISHERY RESOU				
Outmer Clai	Fisheries Pink, chum, c	cono - study str	eam	
Escapement	Pink - 1972, 16,500; 1971	54 000 1070	3 650 1060 40 000	. 1068 700.
1967, 1,200: 19	966, 5,700; 1965, 8,600.	Available enar	$\frac{3,030,1905,40,000}{40,000}$	1. 1. 2
Species Com	position Pink 80-90%, c	thum 10% From	rz Available spawni	i ng area (abov
(9-12-72 - 6)	485 pinks, 105 chums, 28	coho)	falls - 15,022 M	12
Timing Late	- mid September.			
Schooling a	reas Fish school off th	e mouth of the o	creek below the ITZ	of cove.
Shallfish P	otential Extensive flat	e = ovacilont of	Iom Tonulation Du	noonoon oneh
potential god	od during summer and fall.	s - excertent c.	tam population. Du	ngeness crab
	ries Steelhead redd sigh		Dolly Varden (9")	found at
Land Use at I.D.T. sutdy.	Present None but may	be logged in nex	kt 5-10 years. Curr	ently under
	Land Use None known ot	her than cannery	off cove between S	unny Point.
Dobobilitot	ion Potential Blastin	g or laddoring 6	I falls for sealer	accese for
pink salmon.	Ton Fotential Diastin	g or raddering (tails for easter a	access for
Soils Relat	ively stable with little	sign of any eros	sion.	Manager State of the second state of the secon
GAME RESOURCES	ا ماريخ			
Desire		(2 2		
pest,	Fish carcasses or bones	(old or fresh)	on banks, estimate	50
Cooso	Number of droppings			0
Geese	Number seen on tide flat	SS		
	Number seen up creek			0
Mallanda	Number of broods seen			0
Mallards	Number seen on tide flat	75		50
	Number seen up creek	•		0
Mergansers -	Number of broads seen			0
Bald Eagles-	Number of broods seen			0
ratu cagies-	Number seen along creek Number of nests seen and	A location		0
Seale	Number of nests seen and Number seen at mouth of		om da1a=3=1	0
			on islands)	0
Tiue Tiaus -	Estimate length along be			1/4 mile
	Estimate depth out from		p † :a	10 feet
	Eel grass present on wha	to bereein or ir	aus	5%

					ST	REAM I	STREAM INVENTORY FORM	Y FORM		:	Observ Date:	Observers: Date:	Novak, 4-24-73	ak, Downey -73	mey	1 1
		•				Name: St	Sunny Creek	ek			Temp	atm				
	20 mir	n. wall	king ir	20 min. walking intervals.	1	Number:	102-40-87	-87	-		Weat	Weather:	Cloudy,	shower	rs	ΙĪ
Station No.	,	2	м	4	٠ ٢	9	7									I
Pool Size/Type	2/1	2/1	2/1	2/3	2/1	1/1	3/2									T
Riffle Type Width-Depth	28'W	25'W	21.5'W	38'W	51'W 8''D	59'W 12"Ave	56'W e.			Ť						I
Pool Riffle Frequency	33	3	3	2	3	3	2									
Bottom Type (Riffle)	4/5	4/5	4/5	6/5	4/5	4/5	4						-			
Color/Turbidity	-	<i>ا</i> حم	K	~	. F	ŗ	, r č									T
Velocity	2	2	2	2	2	2	2									 1
Flow (C.F.S.)	22.55			52.29			84.13									<u> </u>
9 Temp. (°F.)	36°	36°	36°	36.5°	37.5°	37.5°	37.5°									
Нq	9	9	9	9	9	9	9									
Fry Abundance	· 2	8-9"	l	. 1	1	'	I									
Benthos Sample No.	H						2									<u> </u>
Higher Plant Class	2	2/4	2/4	2	2	2	Н									
Aquatic Veg. Density	8	8	3	Ю	. 2	8	Ŋ					niaminia nadiki mahampan na				
(1) Mosses (2) Algae	Н	1	T	1	1	1	162									

General Remarks (rehab., land use, barriers, log jams, etc.): Approximately 1/2 mi. of spawning habitat above #1. Good timber potential. Steep slope between #1 & #2. Barrier falls \(^{+}\) 200 yds. above #4. (rt. fork). - Extensive falls to top of ridge (see topo). #5 is 200 yds. below forks. Small trib. enters right side 150 yds. upstream from #6. Steel-head y above #6. Higher plant class - alder present.

NAME:

Sunny Creek

STREAM CATALOG NUMBER: 102-40-87

STREAM CATALO	G NUMBER:	102-40-83	•	
DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Sept. 30, 1930				Stream at flood stage. Good showing, thousands of dead
Oct. 1, 1937				Large schools of pink at stream mouth. Stream full
Sept. 20, 1939	50,000		e ÷ .	Excellent
Sept. 20, 1941				100,000 pink at stream mouth
Oct. 3, 1941	50,000	5 , 000		Excellent (G)
Sept. 23, 1942	7,000	45,000		Excellent, 6,000 pink at mouth (G)
Sept. 30, 1943	15,000	5,000		Fair. 5,000 fish off mouth (G)
Oct. 2, 1947	30,000	20,000		Good (G)
Aug. 10, 1948		·	20 red	(G)
Sept. 8, 1948			10 coho	(G)
Sept. 30, 1948	12,525	8,400		Excellent. 5,000 fish off mouth(G)
Sept. 10, 1949			14 red	(G)
Sept. 30, 1949	5 ,87 5	2,080		(G)
Sept. 15, 1950	4		27 red, 0 dead red	5 (G)
Sept. 27, 1950	2,450	600	•	(G)
Sept. 21, 1951			Few coho, 35 red	5,000 chum, 4,000 pink off mouth(G
Sept. 28, 1951	5,200	2,900	• .	(G)
Sept. 19, 1952			6 coho	400 chum, 200 pink at mouth (G)
Sept. 21, 1952	÷		2 coho, 9 red	Few dead chum. About 1,000 pink at mouth (G)
oct. 6, 1952	700	1,700		(G)
Sept. 7, 1953			2 coho, 22 red	Several hundred chum, pink off mouth (G)
Sept. 18, 1953	2,600	3,000		Fair. 90% fresh. 300-400 chum, 300-400 pink in salt water (G)
Sept. 28, 1954	13,400	1,000	-	13,000 pink off mouth (G)
Sept. 28, 1955	36,000	4,000	- 147 -	5,000 at mouth (A)
L				

PEAK ESCAPEMENT RECORD

NAME: Sunny Creek

STREAM CATALOG NUMBER:

102-40-87

	***************************************	102-40-83		
DATE	PINK	CHUM	OTHER SPECIES	REMARKS :
Sept. 15, 1956	25,000			25,000 pink at mouth (A)
Sept. 11, 1957	12,000			
Sept. 27, 1957		8,000		Some dead pink, Few at mouth (A)
Sept. 7, 1958	3,000			Few chum (A)
Sept. 20, 1959	3,500			5,500 at mouth (A)
Sept. 14, 1960		•	10 coho	Some chum. 1,200 at mouth (A)
Sept. 29, 1960	> 600			None at mouth (A)
Sept. 30, 1961				11,500 pink and chum - all spawning (A)
Sept. 6, 1962	1,200+			14,000 fish present at the mouth Good in cove. 800 ⁺ carcasses preser
Sept. 7, 1963	9,0	00		(F)
Sept. 24, 1964	12,400			Good vis. in lower portion. On Sept. 8, 1964 there were 20,000 fish in the intertidal zone(A)
Sept. 16, 1965	5,000	50	l coho	6,100 fish intertidally. Vis. good Stream low (F)
Sept, 12, 1966	1,700	200		1,000 fish intertidally. Vis. good but poor at mouth (F)
Sept. 20, 1967	1,000	500	•	Vis. good. Had 1,800 fish inter- idally on Aug. 23, 1967 (F)
Aug. 26, 1968	300	few		,000 fish intertidally. Vis. fair (A)
Sept. 18, 1968	÷	2,000		Vis. fair (A)
Sept. 16, 1969	37,000	1,500		3,000 fish intertidally. Lots of dead fish (F)
Aug. 26, 1970	7,400			8,000 fish present intertidally. Vis. good (A)
Sept. 16, 1971	10,000		- 148 -	63,000 fish in intertidal zone. 12,000 fish above survey area. 50 above falls spawning throughout, about 1,000 carcasses (H)

PEAK ESCAPEMENT RECORD

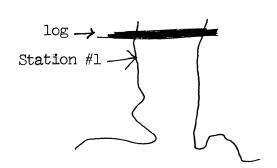
NAME:

Sunny Creek

STREAM CATALOG NUMBER: 102-40-87

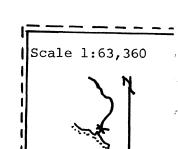
good (H)	DATE	PINK	CHUM	OTHER SPECIES	REMARKS
Aug. 19, 1973 4,000 14,000 fish intertidally. Vis. good (H) Aug. 23, 197418,000 Good show of jumps off mouth.	Sept. 5, 1972	14,1	00		Vis. good (H)
good (H) Aug. 23, 197418,000 Good show of jumps off mouth.	Sept. 12, 1972			28 coho	Vis. very good (F)
loog a pitou of family of miloutile	Aug. 19, 1973	4,000	•.		14,000 fish intertidally. Vis. good (H)
	Aug. 23, 1974	18,0	00		Good show of jumps off mouth. Few schools in bay. Vis. fair. (A)

102-40-88 #114 Westlund 10-11-73



Large boulders in stream entrance. Stream wide and very shallow. Bed is of large rocks with some gravel. Stream dark, no fish observed.

Available spawning area - 390 M^2



				STREAM	1	OR	INV. JORY FORM	ΣI	Oβ	Observers: Westlum	ers:	Westl		- Joyner	er
	. • • • •			Name:		01/00	00		u Ed I	Temperature:	ature:	\ ! !			·
	•	- -		Numbe		TUZ-40-00	0	1	ية م الم	eathe	r: - -	2t 1y	c Loudy		Show
ation No.	٠,						·								
ol Size/Type	3/2														
1 - 0	14														
ol Riffle equency	5				·										
ttom Type	7			,											
lor/Turbidity	2/2														
locity	2					<u> </u>									
ow[(C.F.S.)	2.5				·										
(°¥°) r dm	ο£ħ														
	2													•	
y Abundance	.0														
nthos mple Nó.	, .H.														"
gher Plant ass	5														
				_											

The second

neral Remarks (rehab., land use, barriers, log jams, etc.):

N

uatic Veg. nsity Ident. (1) Mosses (2) Algae PEAK ESCAPEMENT RECORD

NAME: Cholmondeley Sound, 0.8 mile E. of entrance to Sunny Cove

STREAM CATALOG NUMBER: 102-40-88

DATE	PINK	CHUM	OTHER SPECIES	REMARKS :
Sept. 24, 1940	4,000			Good (G)
Oct. 5, 1947				Good escapement of chum and pink (G)
Sept. 20, 1953				(G) No fish (G)
_		· .	٠.	
		•:		
	• .	•		b.
·				
	·			
		:		
-				
		·		
				* .
	or Colonial			
	Add to City Continues and			
	- Company			
			- 152 -	·.

102-40-88A #112 10-11-73 Westlund

Small steep stream 3' wide. Large rocks with no gravel. Barrier falls about 20' above high tide.

Available spawning area - 3 ${\rm M}^2$

102-40-88B #113 Westlund 10-11-73

Muskeg stream. 35' wide and about 3 or 4" deep. Rocks with some gravel. A small muskeg pond about 100 yards above high tide mark. 4 pink carcasses and 1 live fish in stream.

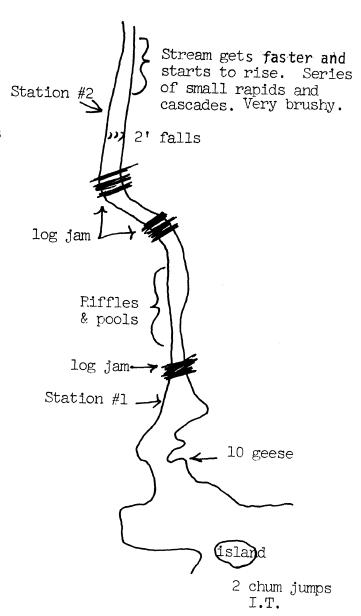
Available spawning area - 585 M^2

#115 102-40-89 Westlund 10-12-73

Very small stream drains Lake Clams.In tidal area small grass flat - 2 barrier cascades about 10 and 20 feet above high tide. Stream is 3' wide and 4-6" deep.

Shallow, wide stream. Banks end away from stream proper. Gradual slopes - lots of blowdown. No fish in stream, but 50 pink and chum carcasses near mouth. Stream has been beach logged.

Larger gravel but still good spawning.



Name		Catalog No.	102-40-91	•
Latitude	55° 15' 11" 32° 08' 37" No. <u>Craig - B-l</u>	WR No.		•
Longitude 1	32° 08' 37"	K No.		
Geodetic Map	No. Craig - B-1	Work Area		
Location No. S	hore near entr. to Chol. So	Watershed Leng	gth 1.4 miles	
Drainage Area	of Watershed 1.49 s	sa. miles		
Water Supply	Type <u>Lake</u>		•	
	••		•	
Trails & Surv	 ey Routes <u>None - walk k</u>	ank on left and	then walk stream b	ed
Herrar Survey	Notes Stream has brus	n on poth sides	and water is dark.	
Anchorage F	or small boat, in cove that	stream enters.		
*				
Tide Stage Wh	en Surveyed <u>low - flo</u> c	ding		
FISHERY RESOU	RCES			
Commercial	Fisheries chum, pink.			
Escapement_	10-11-73 - small school	. chum off mouth.	50 pink and chum	de <u>ad</u> in
stream. N	o past records. A	vailable spawnin	g area - 1 ,254 M ²	The Taglithan annual
Species Com	position Not known.			
Mindson N		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
Timing No	t known - probably middle t	o late.		
pencorring g	reas <u>In cove off stream</u>	mouth.		
Shellfish P	otential Very little			
01101111111111111	VCI, TIOUIC			
Sport Fishe	ries <u>None known</u>			
Land Use at	Present None			
History of	Land Use <u>Stream and ban</u>	<u>ks were beach lo</u> g	gged in past.	
Dahahilitat	in Defending Tour	7 7 1		
Renabilitat	ion Potential <u>Log jams</u> ortant one.	could be removed	d, but stream is no	ot
Soils	orcant one.			
DOTTD				
GAME RESOURCES				
Bear	Fish carcasses or bones (old or fresh) on	banks, estimate	20
	Number of droppings			0
Geese	Number seen on tide flats		_	10
	Number seen up creek			0
».« ¬ ¬ ¬	Number of broods seen			0 .
Mallards	Number seen on tide flats			0
	Number seen up creek			0
Maranana	Number of broods seen			0
4.7	Number of broods seen			2 indiv
paro regres-	Number seen along creek Number of nests seen and	logotion		<u></u>
Seals	Number of nests seen and Number seen at mouth of s			0
	Estimate length along bear			
110 / 11000 T	Estimate depth out from b			50 yds 0
	Eel grass present on what		3	
	The Character of Miles	Porcellar or radio		

					STREAM	IM INV	LORY	Y FORM	Σl		0.6	Observers:	ers: w	s: Westlun	M	Joyner	r
	÷				Name:				1		⊃ E⊣	Dave: Temper	Dave: 10-6. Temperature:	5-(3			
		•			Numbe	-	102-40-91	-91		•]; 	eathe:	r: Pa	t1v	cloud	cloudy-shower	wer
tation No.	·H	~															
ool Size/Type	2/2	2/2															
iffle Type idth - Depth	201	161															
ool Riffle requency	Ŋ	7		·										•			,
ottom Type Riffle)	7	4				·											
olor/Turbidity	2/1	2/1															
elocity	2	2															
low[(C.F.S.)	5.62	6.25															
æ emp¦ (°F.)	011	440													·		
Н	5	5															
ry Abundance	0	0															
enthos ample No.	Н	0															
igher Plant Iass	Ŋ	2					•							·			
quatic Veg. ensity Ident. (1) Mosses (2) Algae	2.	2 2 2															
emarks	(rehab.,	, land	l use,	barriers,	, log	jams,	, etc	::									

102-40-93 Westlund 10-12-73

No water.

#118 102-40-95 Westlund 10-12-73

Stream is 3' wide and 2" deep. Log jam barrier 10 feet above high tide. No fish observed - no carcasses.

ACKNOWLEDGMENTS

Gerry Downey, Pink Salmon Research, provided much of the foot work during field surveys. The catalog library was kept current with the assistance of Sharon Peterson and Karen Crandall. Thanks is also extended to G.L. Finger, June Grant and J.C. McMullen for their assistance in publication and planning.

t--r.

LIBRARY
HABITAT DIVISION
ALASKA DEPT. OF FISH & GAME
333 Raspberry Road
Anchorage, Alaska 99518

HAPITAT CZM PROJECT PRO WOOMOND ANGRESAGE ALASKA 99502